JOHN BURLEY

G. NIUT (KALIMANTAN II)

FIELD NOTES

Date : June 6, 1989
Loc. :

NGS.2300 NC1

Diospyros diefenhorstii (Ebenaceae)
Small tree ± 15 m tall, 15 cm diam, Fruit green, Outerbark black, innerbark yellowish brown, flat area ± 180 m alt. Primary forest.

NGS.2301
..... (Annonaceae)
Small tree ± 12 m tall, 8 cm diam, Bark yellowish grey ± 180m alt. smooth, innerbark redish brown, Flower cream, anther yellow, Ripe fruit red, young fruit yellowish green, Primary forest flat area ~~± 180 m alt~~; common.

NGS.2302
Flacourtia (Flacourtiaceae)
Small tree ± 5 m tall, 7 cm diam, Stem with thorns, Bark grey, Sapwood yellowish, Fruit pale green, Flat area ± 170 m alt. rare.

NGS.2303
Ryparosa (Flacourtiaceae)
Tree ± 25 m tall, 24 cm diam, Fruit glaucus green turning orange when ripe, Arilus creamy, Bark brown ± smooth tuberculate, innerbark redish, Sapwood yellow, Fruit edible sweet teste, occasional flat area ± 170 m alt.

NGS.2304
Urophyllum ... ? Rubiaceae
Shrub ± 2 m tall, 1 cm diam, Fruit yellowish brown (mature), young Fruit red, ± 170 m alt.

NGS.2305
..... (Vitaceae)
Climber up to 20 m tall, young fruit white, pink (mature).

NGS.2306
..... (Meliaceae)
Shrub ± 1.5 m tall, 2 cm diam, young Fruit green, ± 170 m alt.

NGS.2307

NGS.2306

(Meliaceae)

Shrub ± 1.5 m high, 2 cm diam,
young fruit green

NGS.2307

Microcos sp. (Tiliaceae)

Shrub ± 2 m high, 2 cm diam. Flower greenish white, stamens yellow. Common , Primary forest, flat area.

NGS.2308 oppositifolia

Litsea sp. (Lauraceae)

Shrub ± 3 m high, 4 cm diam, young fruit green, (mature) red. Primary fores, common, flat area.

NGS.2309 NCI

Myristica sp. (Myristicaceae)

Tree ± 15 m high, 19 cm diam, Bark brown with splitting, sapwood white, with red juice (like blood), bark ± 0.5 cm. Fruit edible, somewhere, mature red-yellow. Primary forest flat area, rare ± 180 m alt.

NGS. 2310

det Ms. G.L. Challen (K) 1997

Goniothalamus sp. (Annonaceae)

Shrub ± 7 m high, 4 cm diam,
Flower : Corolla yellowish white. Young fruit green.
Leaves : green - white (bellow surface). Primary forest, hill area, occasional ± 180 m alt.

NGS.2311

Urophyllum sp. (Rubiaceae)

Shrub ± 1.5 m high, 4 cm diam. Young fruit red, mature yellow. Young leaves brown on bellow surface, hill forest ± 180 alt.

NGS.2312

Litsea sp. (Lauraceae)

Shrub ± 5 m high, 4 cm diam.
Flower : Calyx green, Corolla pinkish white. Ridge forest ± 250 m alt.

NGS.2313

(Annonaceae)

Shrub ± 2.5 m high, 3 cm diam. Flower yellowish brown
Ridge forest ± 250 m alt.

NGS.2314

Lepisanthes ? (Sapindaceae)

Shrub ± 5 m high, 6 cm diam. Leaves on the top, Rachis 85 cm. Fruit bright pink, racemosa on the top, Ridge forest ± 250 m altitude.

NGS.2315

~~Ixora sp~~ psychotria (Rubiaceae)

Shrub ± 4 m high, 2.5 cm diam. Young fruit green. Flower red Ridge forest ± 250 m alt.

NGS.2316

Litsea sp. (Lauraceae)

Shrub ± 3 m high, 4 cm diam. Young fruit green, mature fruit red. Ridge forest ± 250 m alt.

NGS.2317 NCI

Pternandra sp. (Melastomataceae)

Tree 7 m high, 12 cm diam. Bark smooth, grey, sapwood brown Flower : Corolla white, stamen white.

NGS.2318

Ardisia sp. (Myrsinaceae)

Shrub ± 3 m high, 2.5 cm diam.

Flower pinkish white. Primary forest ridge area, 200 m alt.

NGS,2319 anguifera

Rinorea ~~? minor~~ (Violaceae)

Shrub ± 2 m tall, 1.5 cm diam. Fruit green.

Primary forest ridge area, occasional ± 200 m alt.

NGS.2320

(Zingibraceae)

Herb 2 m tall, 2 cm diam. ± 200 m alt.

date : June 7, 1989

Loc. : Beside Sembawang river

NGS.2321 NCI

Lepisanthes sp. (Sapindaceae)

Dangah (local name). Shrub 3 m tall, 3 cm diam.

Flower white. Young fruit brown, commom underlayer, near river bank, flat area ± 150 m alt.

NGS.2322

Saurauia sp. (Actinidiaceae)

Small shrub ± 3 m tall, 2 cm diam.
Flower pink, young leave with brown hair, flat area near river bank, occasional ± 150 m alt.

NGS.2323

Ficus (Moraceae)

Shrub 3 m tall, 3 cm diam. Fruit yellow turning red. common, flat area near the river ± 150 m alt.

NGS.2324 NCI

Memexylon (Melastomataceae)

Small tree 8 m high, 5 cm diam. Flower white with the pink ovarium, anther violet. Bark brownish grey, very thin.

NGS.2325

(Rubiaceae)

Herb 1 m tall, 1 cm diam. Flower white with green bractea/ calyx, occasional ± 150 m alt.

NGS.2326

Sterculia cf stipulata (Sterculiaceae)

Shrub 3 m tall, 3 cm diam. Fruit red, common flat area near the river ± 150 m alt.

NGS.2327

Saurauia (Actinidiaceae)

Shrub ± 6 m tall, 5 cm diam. Flower pink, anther yellow rare ± 150 m alt.

NGS.2328

(Euphorbiaceae)

Shrub 2 m tall, 1 cm diam. Fruit orange, rare ± 150 m alt.

NGS. 2329

Leptonichia heteroclita (Sterculiaceae)

Shrub 2 m tall, 1 cm diam.
Young fruit green, occasional ± 150 m alt.

NGS.2330 NCI

(Arecaceae)

Shrub 2 m tall, 14 cm diam, Maximum léave 6 m. Stalk (leave) 4 m, maximum leavflet 1 m. Young fruit purple, occasional near the river flat area ± 150 m alt.

NGS.2331

Memecylon (Melastomataceae)

Shrub 2 m tall, o.5 cm diam. Fruit pink, occasional

Primary forest flat area, near river bank ± 150 m alt.

NGS.2332 NCI

(Rubiaceae)

Epiphytic ± 3 m high. Flower white.

River bank ± 150 m alt.

NGS.2333

Anthrophium (Anthrophium Group)

Epiphytic fern, ± 3 m high

River bank ± 150 m alt.

NGS.2334

Lycianthes. ? solanaceae (?) (Icac?)

Shrub 4 m tall, 3 cm diam. Fruit pale green,

rare river bank ± 150 m alt.

NGS.2335

Medinilla (Melastomataceae)

Epiphytic ± 3 m high. Fruit orange,

occasional, river bank ± 150 m alt.

NGS.2336

Ixora (Rubiaceae)

Shrub 1 m tall, 0.5 cm diam,

rare, river bank ± 150 m alt.

NGS.2337 Trichomanes.

Fern, river bank, common +170 m alt.

NGS.2338

Sterculia cf. stipulata (Sterculiaceae)

Shrub 4 m tall, 5 cm diam. Fruit red/orange

common, river bank ± 170 m alt.

NGS.2339

Mymerconauclea (Rubiaceae)

Shrub 2 m tall, 3 cm diam. Flower white.

Occasional, river bank ± 170 m alt.

NGS.2340

Schizmataglottis. (Araceae)

Herb, Flower bractea pink,

common, river bank ± 170 m alt.

NGS.2341

.....?

Herb 40 cm tall, common, river bank, 170 m alt.

NGS.2342

Gardenia (Rubiaceae)

Small tree 10 m tall, 17 cm diam, bark dark brown, with lenticel. Fruit green, occasional slope area, near river bank ± 170 m alt.

NGS.2343

Medinilla ? (Melastomataceae)

Epiphyte ± 2 m high. Flower red in the midle, white edge Fruit yellowish green, occasional, river bank ± 175 alt.

NGS.2344

Leptonichia ? heteroclita (Sterculiaceae)

Shrub 2 m tall, 2 cm diam. Fruit glaucus green, occasional, flat area ± 175 m alt.

Saurauia (Actinidiaceae)

Shrub 3 m tall, 3 cm diam. Flower white, calyx green. occasional, Primary forest, flat area ± 180 m alt.

NGS.2346

Epiphyllus mosh

± 175 m alt.

NGS.2347

Baccaurea (Euphorbiaceae)

Empiso (local name). Small tree 5 m tall,12 cm diam Fruit base steam pale green, rare ± 180 m alt.

NGS.2348

Myristica (Myristicaceae)

Empah (local name). Small tre 6 m tall, 7 cm diam alt. 180 m

June 8, 1989

NGS.2349

Diospyros (Ebenaceae)

Small tre 7 m tall, 6 cm diam. Bark black Flower greenish white. Fruit green, disturbed forest near river bank, occasional ± 150 m alt.

NGS.2350

Photos (Araceae)

slender vine, ± 150 m alt.

NGS. 2351

Pterisanthes (Vitaceae)

Climber ± 4 m tall, ripe fruit black.

River bank ± 150 m alt.

NGS.2352

..... ? Acanthaceae

Herb, ground vegetation, flower white,

Flat area ± 150 m alt.

NGS.2353

Lasianthes ..... ? Rubiaceae.

Shrub ±1.5 m tall, 1 cm diam. Fruit blue,

occasional, near river bank, flat area ± 150 m alt.

NGS.2354

..... ? Zingiberaceae.

Herb ± 1 m tall, 1 cm diam. Fruit 10 cm above ground red.

rare ± 150 m alt.

NGS.2355 NCI

(Meliaceae)

Small tree 12 m tall, 8 cm diam, leave ± 80 cm/ Rachis.

Flower bud yellow, corolla white, occasional flat area

± 150 m alt.

NGS.2356

Microcos (Tiliaceae)

Small tree 10 m tall, 10 cm diam. Fruit orange.

Flat area near river bank ± 150 m alt.

NGS.2357

(Rubiaceae)

Slender vines, flower white, fruit white ± 150 m alt.

NGS.2358

Rhapidophora (Araceae)

Slender vines ± 5 m high.

Flat area near river bank ± 150 m alt.

NGS.2359

(Maranthaceae)

Herb ± 1 m tall, Brabhtea yellowish green.
Abudance near river bank, flat area ± 150 m alt.

NGS.2360

Globba (Zingibraceae)

Herb ± 80 cm tall. Flower : brachtea red, corolla yellowish red, occasional, near river, flat area ± 150 m alt.

NGS.2361

Aphanamixis (Meliaceae)

Tree 15 m tall, 13 cm diam. Flower greenish white fruit pink, mesocarp white, seed black with red seed coat, bark redish brown.

NGS.2362

(Annonaceae)

Shrub ± 2 m tall, 2 cm diam, young fruit green.

NGS.2363

(Gesneriaceae)

Herb ± 10 cm tall, Brachtea red, rare ± 150 m alt.

NGS.2364 NCI

Diospyros buxifolia (Ebenaceae)

Tree ± 20 m high, 30 cm diam, Fruit green, Bark black flat area ± 150 m alt.

NGS.2365 NCI

Ryparosa (Flacourtiaceae)

Tree ± 18 m high, 20 cm diam, Bark brown, smooth. Fruit greenish brown, flat area near river bank.

NGS.2366

Sterculia (Sterculiaceae)

Shrub 2 m tall, 1 cm diam, Flower red, ± 150 m alt.

NGS.2367

Trevesia burckii / osmoxylum (Araliaceae)

Shrub ± 3 m tall, 3 cm diam, Flower bud brownish green, ± 150 m alt.

NGS.2368

Schefflera (Araliaceae)

Epiphytic ± 4 m high, Flower bud pale green, petiole ± 60 cm ± 150 m alt.

NGS.2369

Anthrophyum (Anthrophyum group)

Epiphytic fern ± 2 m high, ± 180 m alt.

NGS.2370

(Sapindaceae) (Burseraceae).

Shrub ± 3 m tall, 2 cm diam, Fruit pink, flat area ± 180 m alt.

NGS.2371 NCI

Ficus sinuata (Moraceae)

Epiphyt 2 m high, Fruit pale green, ± 180 m alt.

NGS.2372

Asplenium (Asplenium Group)

Epiphytic fern ± 2 m high, occasional ± 180 m alt.

NGS.2373

..... ?

Epiphytic fern ± 2 m high, common, ± 180 m alt.

NGS.2374

Saurauia (Actinidiaceae)

Shrub ± 3 m tall, 2 cm diam, Flower red, common, ± 180 m alt.

NGS.2375 NCI

Litsea oppositifolia (Lauraceae)

Small tree ± 8 m tall, 8 cm diam, Fruit green, Flower yellowish green, occasional, flat area ±200 m alt.

NGS.2376

Begonia (Begoniaceae)

Herb ± 60 cm, Flower pink, occasional, flat area ± 200 m alt.

NGS. 2377

Medinilla (Melastomataceae)

Epiphytic, flower pink, occasional, flat area ± 200 m alt.

NGS.2378

Baccaurea ? racemosa (Euphorbiaceae)

Asam (local name), Small tree ± 10 m tall, 10 cm diam. Fruit red, occasional, river bank ± 200 m alt.

NGS.2379

(Zingibraceae)

Herb 3 m tall, 2 cm diam, Fruit glaucus, terminal, common near river bank, flat area ± 200 m alt.

NGS.2380

~~Poikispermum~~ poikilospermum (Moraceae/ Urticaceae)

Pukau (local name) Climber ± 3mmtall, Flower pale green, fragrant, occasional near river bank, flat area ± 200 m alt.

NGS.2381

Ficus (Moraceae)

Big tree ± 35 m tall, 40 cm diam, butrees 5 m high. Fruit red speckle green, cauliflory, occasional flat area ± 200 m alt.

NGS.2382

(Lauraceae)

Shrub ± 3 m tall, 2 cm diam, Flower bud pale green, occasional, flat area ± 200 m alt.

NGS.2383 NCI

Memexylon (Melastomataceae)

Semah (local name), Small tree 8 m tall, 6 cm diam, Flower greyish white, anther violet, Fruit glaucus, pale green, Bark brown, occasional, flat area ± 200 m alt.

NGS.2384

..... ? Annon

Shrub 2 m tall, 2 cm diam, Flower white, calyx green, Fruit green, occasional ± 200 m alt.

NGS. 2385

(Annonaceae)

Sengai (local name), Small tree ± 6 m tall, 5 cm diam. Fruit glaucus, pale green, occasional ± 200 m alt.

NGS.2386

Shorea (Dipterocarpaceae)

Big tree 45 m tall, 150 cm dbh. butrees 4 m high, Flat area, yellow sandy soil ± 200 m alt. (Voucher spec.)

NGS.2387

Shorea ? parvifolia (Dipterocarpaceae)

(Voucher spec.)

NGS.2388

Globba (Zingibraceae)

Herb ± 30 cm tall, Flower yellow

occasional, flat area near river bank ± 200 m alt.

NGS.2389

(Rubiaceae)

Herb ± 15 cm tall, Flower bud yellow turning white

occasional, flat area near river bank ± 200 m alt.

June 9, 1989

Biside Sembawang river and roundabout

NGS.2390

Clerodendrum ? chinense

Herb ± 1.5 m tall, Flower bud greenish, Fruit white,

occasional, secundary fores, flat area ± 150 m alt.

NGS.2391

Litsea ? elliptica (Lauraceae)

Para (local name), Tree 20 m tall, 40 cm diam, Bark dark brown, Sapwood yellowish brown, Fruit dark brown, occasional ± 150 m alt.

NGS.2392

Microcos (Tiliaceae)

Small tree ± 10 m tall, 8 cm diam, Fruit orange, occasional flat area ± 150 m alt.

NGS.2393 NCI

(Annonaceae)

Shrub ±6 m tall, 6 cm diam, Flower pale green, Young fruit greenish, Bark redish brown, occasional flat area ± 150 alt.

NGS.2394

..... ?

Terestrial fern ± 10 cm tall, Herb ground layer,

occasional, flat area ± 150 m alt.

NGS.2395

Lepisanthes (Sapindaceae)

Shrub 2 m tall, 0.5 cm diam, rare primary forest, flat area ± 150 m alt.

NGS.2398

Ardisia ? macrophylla (Myrsinaceae)

Kecepeng (local name), Tree 12 m tall, 18 cm diam, Bark redish brown ± 0.5 cm thick, Sapwood pale yellow, Fruit dark brown, occasional, flat area ± 150 m alt.

NGS.2396 NC1

Kayu ngae (local name)

Small tree ± 8 m tall, 13 cm diam, Flower calyx reflex yellow tinged with red, green at base, young fruit green, Outer bark dark grey, inner bark yellow, 0,5 cm thick, vibrous, occasional. primary fores flat area ± 150 m alt.

NGS.2397 NC1

Eusideroxylon zwageri (Lauraceae)

Belian (local name), Big tree ± 35 m tall, 70 cm diam, Bark brown. Wood dark brown, fruit dark brown with hard mesocarp, common ± 150 m alt.

NGS.2399

(Zingiberaceae)

Epiphytic herb ± 2 m high, stem 1.80 m tall, Ripe fruit orange (mesocarp) occasional ± 150 m alt.

NGS.2400

Aglaia (Meliaceae)

Small tree ± 6 m tall, 6 cm diam, Bark redish brown, Sapwood redish yellow, Flower pale yellow, occasional flat area ± 150 m alt.

NGS.2401

Antidesma neurocarpum (Euphorbiaceae)

Small tree ± 6 m tall, 6 cm diam, Fruit pale pink to white, fleshy, common flat area ± 150 m alt.

NGS.2402

Urophyllum (Rubiaceae)

Tree ± 20 m tall, 23 cm diam, Flower calyx green, corolla pale green, pystil yellowish green, occasional, flat area ± 150 m alt.

NGS. 2403

Ixora (Rubiaceae)

Shrub ± 2 m tall, 1 cm diam, Fruit red, Occasianal ± 150 m alt.

NGS.2404

Agrostophyllum (Orchidaceae)

Epiphytic orchid, occasional ± 150 m alt.

NGS.2405

Pternandra (Melastomataceae)

Small tree ± 6 m tall, 5 cm diam, Flower : Calyx purple, Corolla violet, anther yellow with spur. Occasional, Flat area ± 150 m alt.

NGS.2406

Aeschynanthus ? Gesneraceae

Epiphytic plant ± 10 m high, Flower red with yellow at base.

NGS.2407

Globba (Zingibraceae)

Terestrial herb, 15 cm tall, Flower white with yellow stigma and anther, occasional ± 150 m alt.

NGS.2408

Meliosma (Sabiaceae)

Shrub 2 m tall, 1 cm diam, Flower bud pink, occasional ± 150 m alt.

NGS.2409

Memecylon (Melastomataceae)

Shrub 3 m tall, 1.5 cm diam, Ripe fruit whitesh violet, occasional ± 150 m alt.

NGS.2410

Baccaurea (Euphorbiaceae)

Tree ± 25 m tall, 40 cm diam, Young fruit green, Fruit mature yellow, edible fruit, acid teste ± 150 m alt.

NGS.2411

Rinorea (Violaceae)

Shrub 2 m tall, 2 cm diam, Young fruit green, occasional ± 150 m alt.

NGS.2412

Moss , to grow on rotten log, bright green.

NGS.2413

Microcos (Tiliaceae)

Small tree ± 7 m tall, 10 cm diam, Young fruit green, Bark smooth, brown, sapwood yellow, occasional ± 180 m alt.

NGS.2414 NC1

Aglaia ganggo (Meliaceae)

Small tree ± 8 m tall, 8 cm diam, Flower yellowish brown, inner bark brown, sapwood yellow, occasional, flat area ± 180 m alt.

NGS.2415

..... (Zingibraceae)

Herb 1 m tall, stem 1.5 cm, first leaf 50 cm, Flower : yellow (central) with white (side), Stamens brownish, inflorescence on the below.

NGS.2416

Polyalthia (Annonaceae)

Shrub ± 4 m tall, 4 cm diam, Fruit brown, occasional ± 180 m alt.

NGS.2417

.....

Terestrial fern, ± 180 m alt.

NGS.2418

Hepatic

on rotten log.

NGS.2419

..... (Rubiaceae)

Shrub 2 m tall, 1 cm diam, Young fruit green, mature fruit yellow, occasional ± 180 m alt.

NGS.2420 NC1

Garcinia sp. (Clusiaceae)

Tree 25 m high, 21 cm diam, Bark smooth, inner bark brown, Sapwood pale yellow, juice white, young fruit green, Primary forest, grow on flat area, Fruit edible (sampo) local name ± 180 m alt.

NGS.2421

..... (Annonaceae)

Small tree 10 m high, 9 cm diam, Bark smooth, young fruit green, occasional ± 180 m alt.

NGS.2422

Moss grow on rotten log.

NGS. 2423

..... ? Rubiaceae

Shrub 2 m tall, 3 cm diam, Fruit bright blue,
± 180 m alt.

NGS.2424

..... (Annonaceae)

Shrub 2.5 m tall, 4 cm diam, Flower white, Young fruit green
± 180 m alt.

NGS.2425

..... (Annonaceae)

Shrub 4 m tall, 5 cm diam, Perianth yellowih brown, cauliflorus, Primary fores on flat area ± 180 m alt.

NGS.2426

..... (Rubiaceae)

Shrub 1,5 m tall, 2.5 cm diam, Flower white- violet, Young fruit green, violet to blue (mature), ± 180 m alt.

NGS.2427

.....

Terestrial fern, ± 180 m alt.

<u>Loc. Ngerisih river</u>.

NGS.2428

Schizomelochinis ..... (Araceae)

Herb, Rheophytic plant at the river on the stone,
Spatha white, flower white, common, ± 180 m alt.

NGS.2429

<u>Urophyllum</u> (Rubiaceae)

Shrub 4 m tall, 3 cm diam, Fruit pale green, occasional
Primary forest, river bank of Ngrisih river ± 180 m alt.

NGS.2430

<u>Thallose</u> Moss

on sandstone rock in Ngrisih river, ± 180 m alt.

NGS.2331 NCI

<u>Saurauia</u> (Actinidiaceae)

Tree 8 m high, 22 cm diam, Flower pink, Young fruit green,
common, river bank ± 180 m alt.

NGS.2332

..... (Rubiaceae)

Epiphytic plant ± 2 m high, Flower pale green, Fruit white, river bank, occasional ± 180 m alt.

NGS.2333

..... (Rubiaceae)

Herb 30 cm tall, stem 0,4 cm, Young leaf violet, common at river bank ± 180 m alt.

NGS.2434

<u>Lycopodium</u> (Lycopodiaceae)

Epiphytic fern, ± 2 m high, occasional ± 150 m alt,

NGS.2435

..... (~~Gesneriaceae~~) Acanth

Groundlayer, herb, Flower white, common near river bank, ± 150 m alt.

NGS.2436

.....?

Herb, Flower violet, occasional near river bank, ± 150 m alt.

NGS.2437

<u>Dendrobium</u> (Orchidaceae)

Epiphytic orchid, Flower white, occasional, near river bank ± 150 m alt.

NGS.2438

..... (Rubiaceae)

Slender vine, Flower white, Fruit white, occasional ± 180 m alt.

NGS.2439

.....

Epiphytic fern ± 1 m high, occasional, flat area near river bank ± 180 m alt.

NGS.2440

.....

Epiphytic fern ± 1 m high, occasional, flat area near river bank ± 180 m alt.

NGS.2441

..... ?

Shrub ± 1.5 m tall, 1 cm diam, Young fruit green, rare, flat area ± 200 m alt.

NGS.2442

Antidesma (Euphorbiaceae)

Shrub 2 m tall, Fruit red, occasional, flat area ±180 m alt.

NGS.2443

Antidesma neurocarpum (Euphorbiaceae)

Shrub ± 5 m tall, 5 cm diam, Fruit white, common, flat area ± 180 m alt.

NGS.2444

..... ?

Epiphytic fern ± 1 m high, occasional, flat area ± 180 m alt.

NGS.2445

Memecylon (Melastomataceae)

Shrub ± 3 m tall, 3 cm diam, Fruit white, occasional, flat area ± 180 m alt.

June 10, 1989

Loc. Sengman.

NGS.2446

Lepisanthes (Sapindaceae)

Shrub ± 1 m tall, 1 cm diam, Flower pinkish, Slope area ± 150 m alt.

NGS.2447

Shorea (Diptercarpaceae)

(Voucher specimen), Tree ± 40 m high, 100 cm diam, Bark redish brown, deeply fissured, trunk buttres 1.5 m tall ± 150 m alt.

NGS.2448

Ardisia (Myrsinaceae)

Shrub ± 3 m tall, 1 cm diam, Young fruit pinkish, occasional Ridge area ± 150 m alt.

NGS.2449

..... (Rubiaceae)

Shrub 1 m tall, 1 cm diam, Fruit blue, occasional, ridge area ± 150 m alt.

NGS.2450

lasiantus. ..... (Rubiaceae)

Shrub 1 m tall, 0.5 cm diam, Flower white, Young fruit green, occasional, slope area ± 150 m alt.

NGS.2451

..... (Acanthaceae)

Herb ± 1 m tall, Flower white, common as ground layer, slope area ± 150 m alt.

NGS.2452

<u>Shorea</u> ? <u>ovalis</u> (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 150 cm diam, Bark redish brown, deeply feasured, slope area ± 150 m alt.

NGS.2453

<u>Shorea</u> ? <u>parvifolia</u> (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 100 cm diam, Bark redish brown, deeply feasured, ± 150 m alt.

NGS. 2454 NC1

..... ?

Tree ± 40 m tall, 20 cm diam, Flower greenish turning brown, Fruit glaucus green, Spicula green, out bark greenish brown, smooth inner bark redish brown, young leaf redish, occasioanal, slope area ± 150 m alt.

NGS.2455

..... ?

Shrub ± 1 m tall, Flower white, occasional, slope area ± 150 m alt.

NGS.2456 NC1

<u>Adinandra</u> ? <u>cordifolia</u> (Theaceae)

Tree ± 20 m tall, 30 cm diam, outerbark brown. innerbark redish brown, Flower bud greenish, silver endomentium, Corolla white, occasional, slope area ± 150 m alt.

NGS.2457

..... ?

Shrub ± 1 m tall, 1 cm diam, occasional, slope area , ± 150 m alt.

NGS.2458 Rub.

Shrub ± 1.5 m tall, 1 cm diam, Fruit orange turning into dark brown, young leaf pinkish, common, slope area ± 150 m alt.

NGS.2459

Gardenia (Rubiaceae)

Tree ± 25 m tall, 25 cm diam, outer bark dark brown, inner bark yellowish brown, Sapwood yellow, Fruit green, ± 150 m alt.

NGS.2460

Didymocarpus (Gesneriaceae)

Herb ± 10 cm tall, Ground layer, Fruit pink, flat area near the steam ± 150 m alt.

NGS.2461

..... (Annonaceae)

Shrub ± 1 m tall, 1 cm diam, Flower white with green calyx, occasional, flat area ± 120 m alt.

NGS.2462

Cyrtandra ..... ? Ge

Herb ± 30 cm tall, 1 cm stem, Fruit brown, Leave underneath redish pink, common, flat area near the stream, ± 120 m alt.

NGS.2463

Cyrtandra ..... (Gesneriaceae)

Herb ± 1 m tall, 1.5 cm stem, Flower red, Fruit red, occasional, flat area near the stream ± 120 m alt.

NGS.2464

..... (~~Gesneriaceae~~)

Herb 1 m tall, 1 cm stem, Flower yellow with pale green calyx, Fruit green, common, flat area near the stream ± 120 m alt.

NGS.2465

Mixed bryphyte, epiphyllum on Didymocarpus leaf.

NGS.2466

Knema (Myristicaceae)

Kumpah (local name), Tree ± 10 m tall, 10 cm diam, Fruit brown with red arilus, seed black, occasional, slope area near the stream ± 120 m alt.

NGS.2467 NCI

Ardisia (Myrsinaceae)

Small tree ± 12 m tall, 15 cm diam, Fruit red turning into black (ripe), occasional ± 120 m alt.

NGS,2468

Medinilla (Melastomataceae)

Epiphytic ± 10 m high, on eusideroxylon zwageri tree, Flower transparan with violet stamens, Fruit pinkish, ± 120 m alt.

NGS.2469

Horsfieldia (Myristicaceae)

Tree ± 25 m tall, 35 cm diam, Young fruit yellowish green, occasional, near the stream, slope area ± 120 m alt.

NGS.2470

..... ? Annard = 2481

Shrub 2 m tall, 0.5 cm diam, Flower white, occasional, slope area ± 120 m alt.

NGS.2471

Most on tree trunk.

NGS.2472

Diospyros (Ebenaceae)

Tuba monyet (local name), Tree ± 20 m tall, 18 cm diam, Fruit yellowish green, outer bark black, innerbark pale yellow Fruit edible by animal, occasional, ridge area ± 150 m alt.

NGS.2473

Xanthophyllum (Polygalaceae)

Tree ± 35 m tall, 35 cm diam, Flower pinkish white at base, yellow inside, fragrant, outherbark grey, innerbark yellow, Sapwood pale yellow, occasional, ridge area ± 150 m alt.

NGS.2474

Ficus (Moraceae)

Straghing Ficus ± 10 m tall, Fruit orange, occasional at Ulin tree on the ridge area ± 150 m alt.

NGS.2475 NCI AQUIFOLIACEAE - Ilex borneensis Loes. det. at Kew April 1998

Small tree 6 m tall, 7 cm diam, Fruit green, sticky, occasional, ridge area ± 150 m alt.

NGS.2476

Shorea (Diptercarpaceae)

(Voucher specimen), Big tree 40 m tall, 75 cm diam, Bark redish brown, deeply fissured, Buttres 1 m tall ± 150 m alt.

NGS.2477 NCI

Xanthophyllum (Polygalaceae)

Tree 20 m tall, 30 cm diam, Outherbark grey, innerbark yellowish brown, Fruit green, common ridge area ± 200 m alt.

NGS.2478 NCI

..... (Euphorbiaceae)

Tree ± 25 m tall, 25 cm diam, Fruit green, Outherbark brown, with lenticel, innerbark yellowish brown 0.5 cm thick, Sapwood yellow, occasional, ridge area ± 200 m alt.

NGS.2479

..... (Rubiaceae)

Herb ± 10 cm tall, Fruit green, common at slope area ± 200 m alt.

June 11, 1989

Loc. Bukit semiman

NGS.2480

Aegnitithia ..... (Orobancaceae)

Saprophytic, Flower : Bactea/Calyx and stand yellow with purple shripe, Corolla purple, Stigma yellow, secundary forest on humus rich soil.

NGS.2481

..... (Anacardiaceae) = 2470

Kaus (local name), Shrub 2 m tall, 3 cm diam, Flower bud yellowish brown, occasional at the secundary forest ± 150 m alt.

NGS.2482

Fagraea (Loganiaceae)

Kayu dayuk (local name), small tree 4 m tall, 5 cm diam, Flower bud yellowish brown, occasional at the secundary forest ± 150 m alt.

NGS.2483

Knema (Myristicaceae)

Small tree ± 10 m tall, 16 cm diam, Fruit brown, Endocarp yellowish brown, arilus orange, flat area ± 150 m alt.

NGS.2484

<u>Knema</u> (Myristicaceae)

Small tree ± 6 m tall, 11 cm diam, Young fruit brown, flat area near water sream ± 120 m alt.

NGS.2485

<u>Urophyllum</u> (Rubiaceae)

Small tree ± 4 m tall, 5 cm diam; Flower green with white stamens, occasional, flat area ± 150 m alt.

NGS. 2486

..... (Rubiaceae)

Herb ± 15 cm tall, Flower violet; Leaf underneath violet, occasional, flat area ± 150 m alt.

NGS.2487

..... (Rubiaceae)

Herb ± 1 m tall, Flower white, occasional, flat area ± 150 m alt.

NGS.2488

<u>Thryxspermum</u> (Orchidaceae)

Epiphytic orchid, Flower bud dark red, occasional ± 120 m alt.

NGS.2489

..... (Annonaceae)

Shrub 1.5 m tall, 2 cm diam, Flower white, occasional, flat area ± 120 m alt.

NGS.2490

..... ?

Shrub, Flower bud white with edge pink, Flower white, stamens yellow, occasional, flat area ± 120 m alt.

NGS.2491

<u>Diospyros</u> (Ebenaceae)

Tree ± 20 m tall, 32 cm diam, Flower white, calyx green, Fruit green, occasional, flat area ± 120 m alt.

NGS.2492

<u>Antidesma</u> (Euphorbiaceae)

Shrub ± 2 m tall, 1 cm diam, Fruit red; occasional, slope area ± 120 m alt.

NGS.2493

..... (Zingibraceae)

Herb 1 m tall, Flower pink, occasional, slope area ± 150 m alt.

NGS.2494

..... (Zingibraceae)

Epiphytic plant ± 10 m high, Flower, brachtea red with terminal part white, corolla rose with white stamens, stem 50 cm tall, occasional ± 150 m alt.

NGS.2495 look at more,

Microcos (Tiliaceae) / F

Shrub ± 2 m tall, 1 cm diam, Fruit orange, occasional, ridge area ± 150 m alt.

NGS.2496

Knema (Myristicaceae)

Small tree ± 8 m tall, 7 cm diam, Fruit greenish brown, occasional at slope area ± 140 m alt.

NGS.2497

Aglaia (Meliaceae)

Tree ± 15 m tall, 12 cm diam, Flower bud yellowish green, Bark greenish brown, smooth, occasional ± 150 m alt.

NGS.2498 A

Aglaia (Meliaceaae)

Tree ± 25 m tall, 22 cm diam, Fruit brown, Bark grey, smooth occasional, slope area ± 150 m alt.

NGS.2498 B

Begonia (Begoniaceae)

Herb ± 30 cm tall, Flower red at base, apex cream, anther yellow, occasional ± 150 m alt.

NGS.2499

Litsea (Lauraceae)

Small tree ± 2 m tall, 4 cm diam, Young fruit pale green, occasional at ridge area ± 150 m alt.

NGS.2500

Gnetum (Gnetaceae)

Small tree 2 m tall, 2 cm diam, Flower male yellow, ridge area ± 150 m alt.

NGS.2501

..... (Annonaceae)

Shrub ± 1 m tall, 1 cm diam, Flower white, ridge area ± 150 m alt.

NGS.2502

..... (Annonaceae)

Shrub ± 1.5 m tall, 2 cm diam, Flower bud brown, occasional, ridge area ± 150 m alt.

NGS.2503

..... (Annonaceae)

Shrub ± 1.5 m tall, 1 cm diam, Fruit orange, occasional , ridge area ± 150 m alt.

NGS.2504

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 150 cm diam, Bark redish brown, flacky, ridge area ± 150 m alt.

NGS.2505

Piper (Piperaceae)

Slender vines, Young fruit pale green, occasional, ridge area ± 160 m alt.

NGS.2506

Flacourtia (Flacourtiaceae)

Rukam (local name), Small tree ± 3 m tall, 3 cm diam, Young fruit green, occasional at ridge area ± 170 m alt.

NGS.2507 NCI

Xanthophyllum (Polygalaceae)

Tree ± 30 m tall, 30 cm diam, Flower pinkish white at base, yellow (inside), fragrant, Outerbark grey, innerbark yellow, Sapwood pale yellow, occasional, Ridge area ± 200 m alt.

NGS.2508

..... (Rubiaceae)

Tree ± 30 m tall, 25 cm diam, Flower green with brown stamens, occasional at slope area ± 200 m alt.

NGS.2509

Lycopodium (Lycopodiaceae)

Epiphytic fern ± 4 m high, occasional, Ridge area ± 200 m alt.

NGS.2510

Xanthophyllum (Polygalaceae)

Small tree ± 12 tall, 10 cm diam, Fruit green, occasional at ridge area ± 200 m alt.

NGS.2511

Ampelocissus (Vitaceae)

Climber ± 2 m tall, Fruit black, ± 200 m alt.

NGS.2512

..... ?

Small tree ± 6 m tall, 7 cm diam, Fruit green, occasional at ridge area ± 200 m alt.

NGS.2513

Homalomena (Araceae)

Herb at ridge area, sphata redish brown, occasional ± 200 m alt.

NGS.2514

Urophyllum (Rubiaceae)

Shrub ± 2.5 m tall, 2 cm diam, Fruit yellow, occasional , ridge area ± 200 m alt.

NGS.2515

.....

Terestrial fern, occasional at ridge area ± 200 m alt.

NGS.2516

..... ?

Shrub ± 2 m tall, 1 cm diam, Fruit orange, ± 200 m alt.

NGS.2517

Labisia sp. (Myrsinaceae)

Herb ± 10 cm, Young fruit pink, occasional at ridge area ± 200 m alt.

NGS.2518

Globba (Zingibraceae)

Herb ± 30 cm tall, Flower white, occasional at ridge area ± 200 m alt.

NGS.2519

Globba (Zingibraceae)

Herb ± 25 cm tall, Flower yellow, occasional, ridge area ± 200 m alt.

NGS.2520
Fungi on the humus of Dipterocap litherfall (Terestrial)
ridge area ± 200 m alt.

NGS.2521
..... ? Fern.
Terestrial fern on the ridge area, occasional ± 200 m alt.

NGS.2522
..... ? [illegible]
Shrub ± 1 m tall, 1 cm diam, Young fruit green, occasional
Ridge area ± 200 m alt.

NGS.2523
Shore (Dipterocarpaceae)
(Voucher specimen), Big tree ± 40 m tall, 80 cm diam,
Bark redish brown, deeply fissured, Buttrees ± 2 m tall,
Ridge area ± 200 m alt.

NGS.2524
Hopea (Dipterocarpaceae)
(Voucher specimen), Small tree ± 15 m tall, 15 cm diam,
Bark dark brown, ± 200 m alt.

NGS.2525
..... (Rubiaceae)
Herb ± 1 m tall, Flower white, Young fruit green, occasional
ridge area ± 200 m alt.

June 12, 1989
Bukit sembawang.

NGS.2526 NCI
..... ?
Small tree ± 5 m tall, 8 cm diam, Flower pale green, Young
fruit green, occasional, ridge area ± 130 m alt. Distarbed
area.

NGS.2527
Aglaia (Meliaceae)
Small tree ± 2 m tall, 2 cm diam, Young fruit pale green,
Prymary fores ridge area ± 130 m alt.

NGS.2528

..... (Annonaceae)

Shrub ± 2 m tall, 2 cm diam, Young fruit pale green, occasional, Ridge area ± 130 m alt.

NGS.2529

Anisoptera (Dipterocarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 1 m diam, Bark redish brown, cracky flacking, Buttres ± 1 m tall, ridge area ± 130 m alt.

NGS.2530

Shorea ? parvifolia (Dipterocarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 80 cm diam, Bark redish brown, deeply fissured, Buttres ± 2 m tall, Ridge area ± 150 m alt.

NGS.2531

..... (~~Rubiaceae~~)

Herb ± 30 cm tall, Flower pale green, Fruit green, occasional at ridge area ± 150 m alt.

NGS.2532

Ardisia (Myrsinaceae)

Shrub ± 3 m tall, 3 cm diam, Young fruit pink, occasional at ridge area ± 150 m alt.

NGS.2533

..... (Rubiaceae)

Slender vine ± 2 m tall, Fruit white, occasional at ridge area ± 150 m alt.

NGS.2534

Pternandra ? rostrata (Melastomataceae)

Temas (local name), Small tree ± 5 m tall, 6 cm diam, Fruit violet, occasional at ridge area ± 150 m alt.

NGS.2535

..... (Annonaceae)

Sengai (local name), Shrub ± 1 m tall, 1 cm diam, Flower yellow, occasional at ridge area ± 150 m alt.

NGS.2536

Xanthophyllum (Polygalaceae)

Tree ± 10 m tall, 12 cm diam, Fruit green, Ridge area ± 150 m alt.

NGS.2537 A

Gnetum sp. (Gnetaceae)

Woodyclimber ± 40 m tall, 7 cm diam, Young fruit pink, occasional at ridge area ± 150 m alt.

NGS.2537 B

Lycopodium (Lycopodiaceae)

Epiphytic fern ± 4 m high, occasional at ridge area ± 150 alt.

NGS.2538

Canarium (Burseraceae)

Tree ± 20 m tall, 25 cm diam, Bark smooth, light brown, Flower yellow and waxy, occasional, ridge area ± 150 m alt.

NGS.2539

..... =

Small tree 5 m tall, 7 cm diam, Fruit brown, occasional at ridge area ± 150 m alt.

NGS.2540

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 50 m tall, ± 2 m diam, Buttrees 2 m high, Bark redish brown, deeply fissured, occasional, Ridge area ± 150 m alt.

NGS.2541 NCI

Actinodaphne (Lauraceae)

Tree ± 10 m tall, 12 cm diam, Fruit red turning into black, occasional at ridge area ± 150 m alt.

NGS.2542

Eugenia (Myrtaceae)

Tree ± 30 m tall, 40 cm diam, Flower yellowish white, Bark redish brown, smooth, innerbark greenish, occasional, slope area ± 150 m alt.

NGS.2543 NCI

Dehaasia (Lauraceae)

Tree ± 15 m tall, 25 cm diam, Flower pale green with yellow anther, Bark light brown, coarsely flacking, occasional, slope area ± 150 m alt.

NGS.2544 NC1

..... (Rubiaceae)

Tree ± 30 m tall, 38 cm diam, Flower pale green, Fruit green, Outherbark light brown, smooth, innerbark yellowish brown, occasional at slope area ± 150 m alt.

NGS.2545

..... ? Annonaceae. Polyalthia sp. det Mrs. G.L. Chalun (K) 1997

Shrub ± 4 m tall, 3 cm diam, Flower glaucus (pale green), cauliflori, slope area ± 150 m alt.

NGS.2546

Diospyros (Ebenaceae)

Small tree ± 7 m tall, 7 cm diam, Young fruit pale green, occasional, slope area ± 150 m alt.

NGS.2547

Xanthophyllum (Polygalaceae)

Tree ± 25 m tall, 20 cm diam, Fruit green, Bark light brown, occasional at flat area ± 150 m alt.

NGS.2548

Antidesma (Euphorbiaceae)

Shrub ± 3 m tall, 3 cm diam, Young fruit green, occasional at ridge area ± 200 m alt.

NGS.2549

..... (Orchidaceae)

Epiphytic orchid ± 2 m high, Flower white, occasional at ridge area ± 200 m alt.

NGS.2550

Antidesma (Euphorbiaceae)

Shrub ± 3 m tall, 3 cm diam, Young fruit white, occasional at ridge area ± 200 m alt.

NGS.2551

Aglaia / Dysoxylum. (Meliaceae)

Tree ± 3 m tall, 40 cm diam, Bark redish brown, ridge area ± 200 m alt.

NGS.2552

Shorea (Dipterocarpaceae)

(Voucher specimen), Tree ± 45 m tall, 80 cm diam, Bark redish brown, fissured, ridge area ± 200 m alt.

NGS.2553

Litsea oppositifolia (Lauraceae)

Small tree ± 8 m tall, 6 cm diam, Flower yellow, occasional at ridge area ± 200 m alt.

NGS.2554 NCI

Memexylon (Melastomataceae)

Small tree ± 10 m tall, 15 cm diam, Bark brown very thin, Sapwood brown, Fruit yellow, occasional at ridge area ± 200 m alt.

NGS.2555

..... ? Rub[illegible]

Epiphytic plant ± 10 m high, Flower pale green with white stamens, Fruit white, occasional open area (disturbed forest)

NGS.2556

..... (Annonaceae)

Shrub ± 3 m tall, 2 cm diam, Flower greênish, Flower violet, ridge area ± 200 m alt. occasional.

NGS.2557

.....?

Terestrial fern at ridge area, occasional ± 200 m alt.

NGS.2558

..... ? An[illegible]

Shrub ± 1.5 m tall, 1 cm diam, Young fruit green, open area (disturbed forest) occasional ± 130 m alt.

NGS.2559

..... ? [illegible]

Shrub ± 2 m tall. 1 cm diam, Flower white. occasional, ridge area ± 200 m alt.

NGS.2560

..... (Annonaceae)

Shrub ± 2 m tall, 1 cm diam, Young fruit pale green, ridge area ± 200 m alt. occasional.

June 13, 1989

NGS.2561

.....

Epiphytic orchid ± 3 m high, Flower yellow, Ridge area ± 200 m alt. occasional

NGS.2562

Hoya (Asclepiadaceae)

Hemi epiphytic plant ± 2 m high, Ridge area, Flower pinkish white ± 200 m alt.

NGS.2563

Knema cinerea (Myristicaceae)

Small tree ± 15 m tall, 15 cm diam, Young fruit yellowish brown, occasional at ridge area ± 200 m alt.

NGS.2564

Ficus (Moraceae)

Tree ± 15 m tall, 25 cm diam, Fruit orange, slope area ± 200 m alt.

NGS.2565

Ryparosa (Flacaurtiaceae) = 25

Small tre ± 5 m tall, 6 cm diam, Flower yellowish brown, Fruit greenish brown, occasional at ridge area ± 200 m alt.

NGS.2566

Ardisia (Myrsinaceae)

Small tree ± 7 m tall, 10 cm diam, Fruit black, occasional at ridge area ± 200 m alt.

NGS.2567 NCI

..... (Meliaceae)

Small tree ± 6 m tall, 5 cm diam, Fruit red and open into three locul, occasional at ridge area ± 250 m alt.

NGS.2568 NCI

..... ?

Climber ± 7 m tall, Young fruit green, occasional at slope area ± 200 m alt.

NGS.2569

Gnetum (Gnetaceae)

Shrub ± 2 m tall, 2 cm diam, Flower yellow, occasional at ridge area ± 250 m alt.

NGS.2570 NCI

? Glutta (Anacardiaceae)

Tree ± 20 m tall, 25 cm diam, Flower pâle yellow, Bark redish brown, rugos, innerbark orange with redish sap, occasional at ridge area, ± 250 m alt.

NGS.2571

Ixora (Rubiaceae)

Shrub ± 3 m tall, 2 cm diam, Flower orange, Fruit red turning into black, occasional at ridge area ± 250 m alt.

NGS.2572 NCI

..... (Myristicaceae)

Tree ± 25 m tall, 25 cm diam, Bark dark brown, longitudinal crack, innerbark orange with redish orange water sap, Flower pale yellow, occasional at ridge area ± 250 m alt.

NGS.2573 NCI

Strichnos (Loganiaceae)

Climber ± 28 m tall, 5 cm diam, Fruit green, occasional at ridge area ± 250 m alt.

NGS.2574 NCI

Strombisia (Olacaceae)

Tree ± 25 m tall, 35 cm diam, Young fruit green, Bark redish brown,smooth, ridge area ± 250 m alt. Occasional.

NGS.2575

..... ?

Shrub ± 2 m tall, 2 cm diam, Fruit orange, occasional, ridge area ± 250 m alt.

NGS.2576

Shorea (Dipterocarpaceae)

(Voucher specimen), Laya (local name), Big tree ± 45 m tall, 80 cm diam, Bark redish brown, cracky flacking, Buttres 2 m tall. ridge area ± 250 m alt.

NGS.2577

Shorea (Dipterocarpaceae)

(Voucher specimen), Majan (local name), Big tree ± 40 m tall, 70 cm diam, Bark redish brown, rugos, Buttrees 2 m tall ridge area ± 250 m alt.

NGS.2578

Shorea (Dipterocarpaceae)

Bekunyit (local name), Big tree ± 40 m tall, 70 cm diam, Bark redish brown, deeply fissured, Buttreen 1 m tall, inner-bark yellow, ridge area ± 250 m alt.

NGS.2579

Shorea (Dipterocarpaceae)

Juwah (local name), Big tree ± 45 m tall, ± 70 cm diam, Bark redish brown, deeply fissured, innerbark redish brown, Buttrees 2 m tall, ± 250 m alt.

NGS.2580

Garcinia (Clusiaceae)

Small tree ± 10 m tall, 10 cm diam, Flower dark red with pale yellow ovarium, Fruit yellowish green, edible, Bark redish brown, flacking, ridge area ± 300 m alt. Occasional

NGS.2581 NCI

Gonystylus (Thymelaceae)

Small tree ± 7 m tall, 7 cm diam, Flower yellowish brown, anther yellow, stigma pale yellow, Bark dark grey, sapwood yellow,Fruit pale brown, occasional at flat area ± 250 m alt.

NGS.2582

Labisia (Myrsinaceae)

Herb 20 cm tall, Flower dark pink, occasional, flat area near the river bank ± 250 m alt.

NGS.2583

..... (Rubiaceae)

Herb ± 15 cm tall, Young fruit green. occasional at flat area near river bank ± 300 m alt.

NGS.2584

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 70 cm diam, Bark redisk brown. deeply fissured, occasional at slope area ± 150 m alt.

NGS.2586

Shorea (Dipterocarpaceae)

Voucher specimen, Big tree ± 45 m tall, 90 cm diam, Bark redish brown, coarcky flacking, occasional at ridge area ± 300 m alt.

NGS.2587

Callophyllum (Clusiaceae)

(Voucher specimen), Tree ± 30 m tall, 25 cm diam, Bark greynish brown, innerbark yellow, smooth, occasional at ridge area ± 300 m alt.

NGS.2588

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 90 cm diam, Bark redish brown, coarcky flacking, occasional, ridge area ± 300 m alt.

NGS.2589 NCI

Garcinia (Clusiaceae)

Sikubadus (local name), Tree ± 25 m tall, 28 cm diam, Bark smooth, redish brown, innerbark pale yellow, Flower white fragrant, at ridge area ± 300 m alt.

NGS.2590

..... (Orchidaceae)

Terestrial orchid, Flower violet, ridge area ± 300 m alt. rare

NGS.2591

Aglaia ..... (Meliaceae)

Aling (local name), Tree ± 12 m tall, 13 cm diam, Fruit greenish brown, Bark rugose redish brown, occasional slope area ± 250 m alt.

NGS.2592 Mitrephora korthalsiana Miq. det. Mrs. G.L. Chalien (K) 1997

..... (Annonaceae)

Small tree ± 10 m tall, 13 cm diam, Flower yellowish brown, Young fruit glaucus, outerbark dark brown, innerbark pale yellow, occasional, flat area ± 250 m alt.

NGS.2593

Knema laurina (Myristicaceae)

Tree ± 15 m tall, 15 cm diam, Fruit redish brown, outerbark dark brown, innerbark redish brown with red juice, occasional at flat area ± 250 m alt.

NGS.2594 NCI

..... ?

Climber ± 20 m tall, 5 cm diam, Fruit orange, occasional at flat area ± 250 m alt.

NGS.2595 NCI

..... ?

Melapang gunung (local name), Tree ± 30 m tall, 25 cm diam, Flower cream, Flower bud plae yellow, outerbark light brown, innerbark yellowish brown, Sapwood pale yellow, occasional at flat area, near the river bank ± 250 m alt.

NGS.2596

Pternandra (Melastomataceae)

Small tree ± 4 m tall, 4 cm diam, Flower pink with violet stamens, Fruit green, slope area ± 250 m alt. occasional.

NGS.2597

..... (Meliaceae)

Small tree ± 7 m tall, 12 cm diam, Rachis 85 cm long, Flower white, outerbark grey, innerbark pale yellow, occasional at slope area ± 250 m alt.

NGS.2598 NCI

Dehaasia (Lauraceae)

Shrub 4 m tall, 4 cm diam, Flower redish brown, Fruit greenish brown, occasional at flat area ± 250 m alt.

NGS.2599

Ficus (Moraceae)

Epiphytic plant. in the river bank (water stream), Fruit orange, occasional ± 250 m alt.

NGS.2600

Anthropyum (Anthropyum Group)

Epiphytic fern on the stone of river stream ± 250 m alt.

NGS.2601

..... (Commelinaceae)

Herb 1.5 m tall, Flower white, Fruit green, occasional at river bank ± 250 m alt.

NGS.2602

Lycianthes (Solanaceae)

Herb 1 m tall, Fruit red, occasional on the stone at river bank ± 250 m alt.

NGS.2603

Piper (Piperaceae)

Herb 80 cm tall, Fruit red, Flower white, on the stone at river bank ± 250 m alt. occasional

NGS.2604

..... (Rubiaceae)

Herm 1 m tall, Flower white, occasional, river bank ± 250 m alt.

NGS.2605

Begonia (Begoniaceae)

Herb ± 30 cm, Flower white with yellow anther, Leaf dark green,underneath redish brown, on the stone at river bank ± 250 m alt.

NGS.2606

..... (Rubiaceae)

Herb ± 30 cm tall, Calyx red, seed black, at river bank ± 250 m alt.

NGS.2607

..... (Orchidaceae)

Epiphytic orchid, Flower white with pale brown ovarium, at river bank ± 250 m alt.

NGS.2608

Fern on the stone at river stream, occasional ± 250 m alt.

NGS.2609

Begonia (Begoniaceae)

Herb, epiphytic plant, flower pink , at river stream ± 250 m alt.

NGS.2610

..... (Rubiaceae)

Slender vine (climber), Flower white, at river stream ± 250 m alt.

NGS.2611

..... (Rubiaceae)

Herb ± 15 cm tall, Flower white, occasional at river stream ± 250 m alt.

NGS.2612

..... (Melastomataceae)

Rheophytic plant, Flower pale green, occasional at river stream ± 250 m alt.

NGS.2613

Bryophyte on the stone at river stream ± 250 m alt. common.

NGS.2614

Epiphytic fern, on decay wood at river bank ± 250 m alt.

NGS.2615

Vittaria (Vittaria Group)

Epiphytic fern at river bank ± 250 m alt.

NGS.2616

Terestria fern ± 1.5 m tall. occasional at river bank ± 250 m alt.

NGS.2617

..... (Acanthaceae)

Herb ± 50 cm tall, Flower white, ± 250 m alt.

NGS.2618

Pogostemon cablim (Labiatae)

Herb ± 1 m tall, Flower bud green, at river bank ± 250 m alt.

NGS.2619

Terestrial orchid, Young fruit green, occasional at river bank ± 250 m alt.

NGS.2620

..... (Zingibraceae) /costaceae.

Herb ± 2 m tall, Flower yellow with red bractea at base stem, occasional on the stone at river bank ± 250 m alt.

NGS.2621

Aglaia (Meliaceae)

Small tree ± 5 m tall, 5 cm diam, occasional river bank, slope area ± 250 m alt.

NGS.2622

Urophyllum (Rubiaceae)

Shrub ± 3 m tall, 3 cm diam, Fruit white, occasional at slope area, river bank ± 250 m alt.

NGS.2623

Schefflera (Araliaceae)

Climber ± 4 m high, Flower cream, in river bank ± 250 m alt.

June 15, 1989

NGS.2624

..... (~~Liliaceae~~) Orchidaceae

Herb, Flower yellow, rare at ridge area ± 150 m alt.

NGS.2625

~~?~~ Morinda (rubiaceae)

Climber ± 10 m tall, 3 cm diam, Flower pale green, Fruit green, Ridge area ± 150 m alt.

NGS.2626

~~Disoxylum~~ Aglaia (Meliaceae)

Tree ± 20 m tall, 20 cm diam, Fruit red, Bark grey ± smooth, occasional, Ridge area ± 200 m alt.

NGS.2627 NCI

Parinari (Rosaceae)

Tree ± 30 m tall, 55 cm diam, Fruit greyish green, Bark grey innerbark redish brown, Sapwood pale yellow, occasional at ridge area ± 200 m alt.

NGS.2628 NCI

..... (Lauraceae)

Small tree ± 12 m tall, 12 cm diam, Flower bud pale green, occasional at ridge area ± 250 m alt.

NGS.2629

~~Aglaia~~ Chisocheton. (Meliaceae)

Small tree ± 5 m tall, 8 cm diam, Flower white, occasional at ridge area ± 250 m alt.

NGS.2630 NCI

Elaeocarpus (Elaeocarpaceae)

Tree ± 20 m tall, 40 cm diam, Fruit green, Outerbark linght brown, innerbark yellow, occasional at ridge area ± 250 m alt.

NGS.2631

Bhesa paniculata (Celastraceae)

Small tree ± 8 m tall, 10 cm diam, Flower pale green, occasional at ridge area ± 250 m alt.

NGS.2632

Saurauia (Actinidiaceae)

Shrub ± 3 m tall, 2 cm diam, Flower white, pale yellow at base, stamens brown, occasional at ridge area ± 180 m alt.

NGS.2633

..... (Orchidaceae)

Hemiepiphytic ± 4 m high, Flower yellowish brown, occasional at ridge area ± 250 m alt.

NGS.2634 NCI

Tristania whiteana (Myrtaceae)

Big tree ± 40 m tall, 60 cm diam, Flower yellow, Fruit brown, Bark grey, smooth- flacking, innerbak pale brown, Sapwood pale yellow, ridge area ± 200 m alt.

NGS.2635 NCI

Litsea (lauraceae)

Medang (local name), Small tree ± 12 m tall, 13 cm diam, Flower yellowish green, Fruit pale green, turning inti red, Bark redish brown, innerbark pale brown, Sapwood pale yellow, Flat area ± 250 m alt. occasional.

NGS.2636

Shrub ± 4 m tall, 3 cm diam, Flower yellow, Fruit pale green, occasional at flat area ± 250 m alt.

NGS.2637

Dipterocarpus (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 100 cm diam, Bark redish brown, deeply fissured, Buttres 2 m tall, flat area ± 250 m alt.

NGS.2638 NCI

..... (Rubiaceae)

Climber ± 10 m tall, 3 cm diam, Flower pale green, Young fruit gree, Flat area ± 250 m alt.

NGS.2639

Shorea (Dipterocarpaceae)

(Voucher specimen) , Big tree ± 40 m tall, 50 cm diam, Bark redish brown deeply fissured, flat area ± 250 m alt.

NGS.2640

Shorea (Dipterocarpaceae)

(Voucher specimen), Majau (local name), Big tree ± 45 m tall, 90 cm diam, Bark redish brown, crack flacking flat area ± 250 m alt. occasional.

NGS.2641

Eugenia (Myrtaceae)

Tree ± 25 m tall, 30 cm diam, Flower white, Bark redish brown ± smooth, occasional at flat area ± 250 m alt.

NGS.2642

Litsea (Lauraceae)

Shrub ± 4 m tall, 3 cm diam, Flower bud brown, occasional at flat area ± 250 m alt.

NGS.2643

Polyalthia (Annonaceae)

Small tree ± 12 m tall, 14 cm diam, Outerbark dark brown, innerbark pale brown, Sapwood pale yellow, Fruit red, flat area ± 250 m alt.

NGS.2644

..... (Annonaceae)

Climber ± 15 m tall, Young fruit green, cauliflorus, occasi-Onal at flat area ± 250 m alt.

NGS.2645

Litsea (Lauraceae)

Tree ± 30 m tall, 40 cm diam, Flower pale green with yellow anther, Bark dark brown, rugose, occasional at flat area ± 250 m alt.

NGS.2646

..polygala... ? polygal

Shrub ± 2 m tall, Flower pinkish white with yellow stamens occasional, river bank ± 270 m alt.

NGS.2647 Nci

Cratoxylum (Hypericaceae)

Tree ± 35 m tall, 35 cm diam, Flower pink with yellow stamens Fruit pale green, Bark redish brown ± smooth, occasional at river bank ± 270 m alt.

NGS.2648

..... Ru

Climber ± 4 m tall, 0.5 cm diam, Flower white, Fruit green, occasional, slope area near the river bank ± 270 m alt.

NGS.2649 Nci

Diospyros (Ebenaceae)

Tree ± 20 m tall, 35 cm diam, Flower white, outerbark black, innerbark redish brown, slope area ± 270 m alt.

NGS.2650
Schizmoyotis ..... (Araceae)
Herb, Rheophytic plant on the stone at the river bank, near water falll, Flower white, Leaf underneath pinkish, common ± 250 m alt.

NGS.2651
..... (Annonaceae)
Shrub ± 2 m tall, 2 cm diam, Young fruit green, occasional at flat area ± 270 m alt.

NGS.2652
Fern on the stone at river bank, occasional ± 270 m alt.

NGS.2653
Clerodendron (Verbenaceae)
Shrub ± 2 m tall, 2 cm diam, Fruit black, Calyx red, occasional at ridge area ± 300 m alt.

June 17, 1989

NGS.2654
Clerodendron (Verbenaceae)
Shrub ± 2 m tall, 2 cm diam, Fruit green, calyx red, near the river bank, secundary forest ± 110 m alt.

NGS.2655
Costus (Zingibraceae)
Herb ± 1.5 m tall, 1 cm stem, Fruit red, Seed black, near river bank, secundary forest ± 110 m alt. occasional.

NGS.2656
..... (Menispermaceae)
Climber ± ... m, 1.5 cm stem, Fruit crêam-pink, occasional secundary forest near river bank, ± 110 m alt.

NGS.2657
..... (Urticaceae)
Herb 0.5 m tall, ± 1 cm stem, Flower brown. occasional, secundary forest ± 110 m alt.

NGS.2658
Arthrophyllum ..... (? Araliaceae)
Shrub 2 m tall, 2 cm stem with spiny, Young fruit green, occasional, secundary forest ± 110 m alt.

NGS.2659 NCI

<u>? Flacaurtia</u> (Flacaurtiaceae)

Tree ± 15 m tall, 25 cm diam, Fruit (mature) bright red , pubescen fruit, Twig with small spiny, Outerbark brown ± smooth, innerbark yellowish, Sapwood yellow, Primary forest, flat area near river bank ± 115 m alt.

NGS.2660

<u>Garcinia</u> (Clusiaceae)

Sampo (local name), Tree ± 12 m tall, 20 cm diam, Outerbark brown ± smooth, innerbark brown, Sapwood yellow, juice white, Fruit (mature) red- brown, occasional, Primary forest flat area ± 110 m alt. Fruit edible (sweet- acid).

NGS.2661

..... (Melastomataceae)

Shrub ± 1.5 m tall, 1,2 cm stem, Prymary forest, flat area ± 110 m alt. occasional.

NGS.2662

..Aglaia..... (Meliaceae)

Shrub ± 2 m tall, 3 cm diam, Fruit orange , edible sweet teste, Primary forest, flat area ± 110 m alt.

NGS.2663

..... (Rubiaceae)

Climber, Flower greenish white, Fruit white, flat area ± 110 m alt.

NGS.2664

Rourea..... ? Connaraceae

Climber ± .... tall, 3 cm diam, Flower brown, Fruit brown. leaf underneath surface pubescens/pilose/brown, flat area ± 110 m alt.

NGS.2665 NCI

..... (Annonaceae)

Tree ± 20 m tall, 22 cm diam, Fruit orange (mature), cauliflorus, Bark brown ± smooth, innerbsrk yellow, Sapwood yellow Primary forest, occasional at flat area ± 115 m alt.

NGS.2666

.....

NGS.2666
Argostemma ?
Herb ± 15 cm tall, Flower white, slope area ± 110 m alt. common.

NGS.2667
..... (Orchidaceae)
Epiphytic orchid, Flower violet ± 115 m alt. occasional

NGS.2668 NCI
..... (? Anacardiaceae)
Small tree ± 10 m tall, 10 cm diam, Bark brownish grey, innerbark brown, Sapwood yellowish, juice reddish brown, young fruit green, cauliflorus, occasional at slope area ± 140 m alt. (impak = local name).

NGS.2669
Flacaurtia (Flacaurtiaceae)
Rukam (local name), Small tree ± 7 m tall, 7 cm diam, Young fruit green, occasional river bank ± 110 m alt.

NGS.2670
Antidesma (Euphorbiaceae)
Shrub ± 2 m tall, 1.5 cm diam, Mature fruit black, occasional river bank ± 110 m alt.

NGS.2671
Fagraea (Loganiaceae)
Small tree ± 5 m tall, 8 cm diam, Young fruit green, occasional, river bank ± 110 m alt.

NGS.2672
..... (Cucurbitaceae)
Climber ± 10 m, Fruit red (mature), river bank ± 110 m alt.

NGS.2673
.....?
Herb ± 50 cm tall, Fruit terminal bright green- violet, river bank ± 110 m alt. common.

June 19, 1989
Loc. Ngrisih river.

NGS.2674

NGS.2674 sterculiaceae, (same as 2675)

..... ~~(Euphorbiaceae)~~

Shrub ± 2 m tall, 2 cm diam, Fruit green, occasional, flat area ± 120 m alt.

NGS.2675 NCI

Eusideroxylon zwageri (Lauraceae)

Tree ± 30 m tall, 60 cm diam, Flower pale gree, Fruit pale green turning into black, Bark redish brown ± smooth, inner bark redish brown, common ± 130 m alt.

NGS.2676

Memexylon (Melastomataceae)

Small tree ± 4 m tall, 4 cm diam, occasional at flat area ± 150 m alt.

NGS.2677

Drypetes ... ? Euphorb. (cf. Hydnocarpus) (Fruit w/ 2677!)

Small tree ± 5 m tall, 5 cm diam, Fruit brownish green, Bark white, occasional at flat area ± 150 m alt.

NGS.2678

Flacaurtia (Flacaurtiaceae)

Small tree ± 7 m tall, 10 cm diam, Fruit red turning into black (edible), stem spiny, occasional at flat area ± 150 m alt.

NGS.2679 NCI

Parinari (Rosaceae)

Bontak (local name), Tree ± 35 m tall, 45 cm diam, Fruit greyish brown, seed edible by wild pig etc. Bark greyish - brown rugose, innerbark pale brown, occasional, flat area ± 150 m alt.

NGS.2680

Lithocarpus (Fagaceae)

Tree ± 40 m tall, 50 cm diam, Fruit light green, Bark dark brown, occasional at flat area ± 150 m alt.

NGS.2681

Begonia (Begoniaceae)

Herb ± 50 cm tall, Flower white, common at river bank ± 150 m alt.

NGS.2682
.....
Herb ± 25 cm tall, Fruit pale green, occasional at flat area near river bank ± 150 m alt.

NGS.2683
Labisia (Myrsinaceae)
Herb, Flower pinkish white, at slope area ± 150 m alt. Common.

NGS.2684
Memexylon (Melastomataceae)
Small tree ± 4 m tall, 3 cm diam, Frut pale green turning to white, Bark redish brown, occasional, slope area ± 200 m alt.

NGS.2685
Antidesma (Euphorbiaceae)
Shrub ± 2 m tall, 2 cm diam, Fruit pink turning to black, slope area ± 200 m alt.

NGS.2686
Urophyllum (Rubiaceae)
Shrub ± 2, 5 m tall, 2 cm diam, Fruit orange, occasional, slope area ± 200 m alt.

NGS.2687
Chionanthus (Oleaceae)
Shrub ± 4 m tall, 3 cm diam, Young fruit green, occasional slope area ± 200 m alt.

NGS.2688
Gironiera (Ulmaceae)
Tree ± 25 m tall, 35 cm diam, Fruit orange turning to red, occasional, slope area ± 230 m alt.

NGS.2689 NCI
Knema (Myristicaceae)
Tree ± 40 m tall, 45 cm diam, Fruit green with red aril, Bark dark brown with red sap, occasional, slope area ± 230 m alt.

NGS.2690 NCI
.....

NGS.2690 NC1

Myristica (Myristicaceae)

Tree ± 30 m tall, 45 cm diam, Fruit red, Bark dark brown with red sap, occasional slope area ± 230 m alt.

NGS.2691

Labisia (Myrsinaceae)

Herb ± 25 cm tall, Flower pink, occasional at slope area ± 230 m alt.

NGS.2692

(Melastomataceae)

Shrub ± 2 m tall, Flower white, Fruit green, occasional, river bank ± 200 m alt.

NGS.2693

...piper..... ?

Shrub, Fruit red, river bank ± 200 m alt.

NGS.2694

Lindsaea (Lindsaea Group)

Terestrial fern, occasional, river bank ± 200 m alt.

NGS.2695

..... (~~Liliaceae~~) orchid

Herb ± 10 cm tall, Flower yeloow, Fruit green, rare, slope area ± 200 m alt.

NGS.2696

..... ?

Herb ± 15 cm tall, Flower pale green, rare, slope area ± 200 m alt.

NGS.2697

Microsorium

Epiphytic fern, near river bank, occasional ± 200 m alt.

NGS.2698

Dimorphocalyx ..... ? euphorbiaceae

Small tree ± 5 m tall, 8 cm diam, Fruit green, river bank ± 200 m alt. occasional.

NGS.2699

..... (Araceae)

Herb, Flower pinkish green, occasional, slope area ± 230 m alt.

NGS.2700

Poikilospermum (Urticaceae)

Epiphytic plant, Flower pinkish white, occasional, river bank ± 200 m alt.

June 20 1989

Loc. Sembawang river (around)

NGS.2701

Lepisanthes (Sapindaceae)

Shrub ± 3 m tall, 2 cm diam, Flower pale green, Fruit redish greem, Common, flat area ± 150 m alt.

NGS.2702

Thallose Liverwort on shady base of tree trunk.

NGS.2703

Aeschynanthus ..... (~~Asclepiadaceae~~) Gesner

Epiphytic plant ± 10 m tall, Flower red, with orange at tube side, occasional ridge area ± 150 m alt.

NGS.2704

Diospyros (Ebenaceae)

Tree ± 25 m tall, 30 cm diam, Flower white with dark brown stamens, Bark black, innerbark redish brown, occasional at flat area ± 150 m alt.

NGS.2705 NCI

Guioa (Sapindaceae)

Tree ± 10 m tall, 20 cm diam, Fruit green, Bark dark brown ± rugose, innerbark redish brown, occasional, flat area ± 100 m alt.

NGS.2706 NCI

Aglaia ? argentea (Meliaceae)

Aling (local name), Tree ± 40 m tall, 100 cm diam, Fruit greenish brown, endocarp cream, Rachis 105 cm long, Bark greyish brown ± smooth, occasional, flat area ± 150 m alt.

NGS.2707

..... (Loranthaceae)

Parasitic plant, Fruit orange, occasional ± 150 m alt.

NGS.2708

.....

NGS.2708

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 130 cm diam, Bark redish brown, coarse and flacking, Buttrees 3 m tall, occasional, flat area ± 150 m alt.

NGS.2709 NCI

..... ?

Tree ± 30 m tall, 50 cm diam, Fruit pinkish green, Bark brown, occasional, ridge area ± 200 m alt.

NGS.2710

Globba (Zingibraceae)

Herb ± 15 cm tall, Flower white, occasional, ridge area ± 200 m alt.

NGS.2711 Friesodielsia sp. det mss. G.L. Challen (K) 1997

..... (Annonaceae)

Climber ± 15 m tall, 3 cm diam, Fruit orange, occasional, ridge area ± 200 m alt.

NGS.2712

Croton (Euphorbiaceae)

Tree ± 15 m tall, 17 cm diam, Flower pale green, Fruit brown, occasional, ridge area at open site ± 200 m alt.

NGS.2713

..... ?

Climber ± 20 m tall, 15 cm diam, Flower yellowish green, Fruit pale green, occasional, ridge area ± 200 m alt.

NGS.2714

Diospyros (Ebenaceae)

Tree ± 20 m tall, 35 cm diam, Fruit pale green, Outerbark black, innerbark redish brown, occasional, flat area ± 200 m alt.

NGS.2715

..... (~~Rubiaceae~~) Gesneriac

Epiphytic plant, Flower white, occasional at ridge area ± 200 m alt.

NGS.2716

NGS.2716 NCI

Connarus (Connaraceae)

Climber ± 30 m tall, 10 cm diam, Fruit orange, Bark dark brown, innerbark redish brown, occasional, flat area ± 200 m alt.

NGS.2717

Anthrophyum (Anthrophyum Group)

on the stone at river bank of sembawang river ± 200 m alt.

NGS.2718

Asplenium (Asplenium Group)

Epiphytic fern on stone at river bank of sembawang river, occasional ± 200 m alt.

NGS.2719

..... ? Gesner. Didymocarpus ?

Herb ± 26 cm tall, Flower yellowish white, green at base, occasional ± 200 m alt. Rheophytic plant.

NGS.2720 Gesner - cyrtandra

Herb ± 20 cm tall, Flower cream with brownish stamens, occasional ± 200 m alt.

NGS.2721

Moss on sand stone rock, bende river

NGS.2722 A

Thallose liverwort on sand stone rock bende river.

NGS.2722 B

Voacanga (Apocynaceae)

Tree ± 20 m tall, 35 cm diam, Fruit orange, endocarp yellow, Aril red, Seed coad pale brown with white latex, Bark pale brown ± rugose, innerbark white ± 1 cm thick, Sapwood white, occasional at river bank ± 200 m alt.

NGS.2723

Canangium odoratum (Annonaceae)

Tree ± 10 m tall, 12 cm diam, Flower yellowish green, Young fruit green, Bark greynish brown ± smooth, common secundary forest, river bank ± 100 m alt.

NGS.2724

..... (Amaranthaceae)

Herb ± 1 m tall, Flower pale green, abundance forest floor.

June 21, 1989

NGS.2725

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree, 50 m tall, 2 m diam, Buttrees 4 m tall, Bark redish brown rugose, flat area ± 200 m alt.

NGS.2726

Diospyros (Ebenaceae)

Tree ± 15 m tall, 20 cm diam, Outerbark black, innerbark yellowish brown, Sapwood pale yellow, occasional near river bank ± 200 m alt.

NGS.2727

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 50 m tall, 125 cn diam, Buttrees ± 2 m tall, Bark dark brown, deeply fissured, inner bark yellowish orange, slope area ± 200 m alt.

NGS.2728

Baccaurea (Euphorbiaceae)

Tree ± 15 m tall, 15 cm diam, Fruit greyish green, turning into yellow when ripe, Bark grey, innerbark pale yellow, occasional, flat area ± 200 m alt.

NGS.2729

Sciaphyla ..... ?

Saprophytic at ground floor, Flower purple, at slope area ± 200 m alt.

NGS.2730

..... ?

Saprophytic at the ground, Flower white, stem dark purple ± 200 m alt.

NGS.2731

Ardisia (Myrsinaceae)

Tree ± 15 m tall, 15 cm diam, Flower violet, Fruit pale green Outerbark greyish brown, innerbark brown, occasional, flat area ± 200 m alt.

NGS.2732 NCI

..... (Lauraceae)

NGS.2732

..... (Lauraceae)

Medang (local name), Tree ± 30 m tall, 30 cm diam, Outer - bark greyish brown, innerbark yellowish brown, Sapwood pale yellow, Fruit green with dark brown calyx, occasional, flat area ± 200 m alt.

NGS.2733

Schefflera (Araliaceae)

Epiphytic plant ± 5 m high, Flower brownish green, Young fruit pale green ± 200 m alt.

NGS.2734

Labisia (Myrsinaceae)

Herb ± 15 cm tall, Flower white, Rachis purple, occasional at flat area ± 200 m alt.

NGS.2735

Moss on decay logs at flat area ± 200 m alt.

NGS.2736

Moss ondecay logs at flat area ± 200 m alt.

NGS.2737

Knema (Myristicaceae)

Tree ± 20 m tall, 20 cm diam, Fruit brownish orange, river bank ± 200 m alt. occasional.

NGS.2738 NCI

Macaranga triloba (Euphorbiaceae)

Tree ± 10 m tall, 15 cm diam, Fruit green, Bark greyish brown, ± smooth, occasional at open area near river bank in the primary forest ± 200 m alt.

NGS.2739

Terestrial fern on the stone at river bank, occasional ± 200 m alt.

NGS.2740

Dysoxylum (Meliaceae) Cf. sapindo

Tree ± 20 m tall, 25 cm diam, Rachis ± 125 cm long, Flower white, Bark redish brown ± smooth, occasional at slope area ± 250 m alt.

NGS.2741

lasianthes ..... (Rubiaceae)

Shrub ± 2 m tall, 1 cm diam, Fruit white, ridge area ± 250 m alt.

NGS.2742

..... (~~Euphorbiaceae~~) [illegible]

Shrub ± 1.5 m tall, Flower bud pale brown, occasional ~~at ridge area~~ ± 250 m alt. Put Alt. in appropriate place only once!

NGS.2743

..... (Gesneriaceae)

Herb ± 25 cm tall, Flower white, occasional on the stone at river bank ± 250 m alt.

NGS.2744

~~Polyalthia~~ (Annonaceae) Enicosanthum sp. det. Mr. P. Bygrave & Mrs. G.L. Challen (K) March 1998

Tree ± 15 m tall, 20 cm diam, Flower cream, Fruit green, occasional, river bank ± 250 m alt.

NGS.2745

..... (Orchidaceae)

Epiphytic orchid at Polyalthia tree, Flower yellowish brown, ± 250 m alt.

NGS.2746

..... ? [illegible]

Herb ± 30 cm tall, Fruit yellow, river bank ± 250 m alt.

NGS.2747

~~Cyrtandra~~ ? Gesneriaceae Cyrtandra burleyana B.L. Burtt [ISOTYPE] det. B.L. Burtt (E) 1997

Herb ± 15 cm tall, Flower white with yellow tube, river bank ± 250 m alt.

NGS.2748

..... (Araceae)

Herb ± 25 cm tall, Spatha white, occasional ± 250 m alt.

NGS.2749

..... ? Gesner. Cyrtandra filisecta B.L. Burtt [HOLOTYPE] det. B.L. Burtt (E) 1997

Herb ± 50 cm tall, Fruit yellow, Flower white, river bank ± 250 m alt.

NGS.2750

..... (Rubiaceae)

Shrub ± 1.5 m tall, Flower white with pale green calyx, occasional at river bank ± 250 m alt.

NGS.2751

..... ? [illegible]aceae

Shrub ± 4 m tall, 3 cm diam, Flower bud pale green, occasinal at river bank ± 250 m alt. Leaf edible for sayur.

NGS.2752

..... (Rubiaceae)

Herb ± 1 m tall, Fruit pale green, occasional, river bank ± 250 m alt.

NGS.2753

? ~~Aphanamixis~~ (Meliaceae) Dysoxylum / Ch

Small tree ± 10 m tall, 10 cm diam, Leaf 2 m long imparapinnate, Fruit brownish green, occasional at river bank ± 250 m alt.

NGS.2754

Goniothalamus ..... (Annonaceae)

Shrub ± 2 m tall, 2 cm diam, Fruit green, occasional at river bank ± 250 m alt.

NGS.2755

Saurauia (Actinidiaceae)

Shrub ± 2 m tall, Flower white with yellowish tube, Leaf with red, hairy, occasional, ridge area ± 300 m alt.

NGS.2756

..... ? S

Herb ± 10 cm tall, Flower yellow with purple in the mid lobe, Fruit green, occasional at flat area ± 300 m alt.

NGS.2757

Litsea (Lauraceae)

Tree ± 20 m tall, 25 cm diam, Flower cream, Bark dark brown innerbark yellowish brown, occasional at slope area ± 220 m alt.

NGS.2758

..... (~~Menispermaceae~~) Vit

Climber ± 7 m tall, Fruit red, occasional, slope area ± 220 m alt.

NGS.2759

..... ?

Herb ± 25 cm tall, Flower white, river bank ± 250 m alt.

NGS.2760

Litsea ? oppositifolia (Lauraceae)

Small tree ± 5 m tall, 7 ch diam, slope area ± 250 m alt.

June 22, 1989 → Near upper Sungai Sembawang. Mixed dipterocarp forest.

~~Loc, Sembawang river and around~~

NGS.2761 NCI

? Dehaasia (Lauraceae)

Small tree ± 7 m tall, 12 cm diam, Flower bud pink, Outerbark brown, innerbark redish brown, occasional near river bank ± 200 m alt.

NGS.2762

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 40 m tall, 180 cm diam, Bark redish brown ± deeply fissured, innerbark yellowish brown, ridge area ± 300 m alt.

NGS.2763

Memexylon (Melastomataceae)

Small tree ± 4 m tall, 3 cm diam, Fruit pale green, ridge area ± 300 m alt. occasional.

NGS.2764

Memexylon (Melastomataceae)

Small tree ± 5 m tall, 4 cm diam, Fruit pale green, ridge area ± 300 m alt . Occasional.

NGS.2765

? Knema (Myristicaceae)

Tree ± 20 m tall, 18 cm diam, Fruit yellowish brown, Aril pale yellow, Bark redish brown, occasional at ridge area ± 300 m alt.

NGS.2766

Urophyllum (Rubiaceae)

Shrub ± 3 m tall, 3 cm diam, Fruit orange, occasional, slope area ± 300 m alt.

NGS.2767 NCI

..... ?

Turok (local name), Tree ± 25 m tall, 30 cm diam, Fruit brownish green, Outerbark redish brown ± cracky flacky, inner bark redish brown, occasional, slope area ± 300 m alt.

NGS.2768

..... (Annonaceae)

Shrub ± 2 m tall, 1 cm diam, Fruit green, ridge area ± 300 m alt.

NGS.2769 NCI

..... (Annonaceae)

Small tree ± 7 m tall, 10 cm diam, Fruit green, Bark dark grey, innerbark yellow, occasional, ridge area ± 350 m alt.

NGS.2770

det. Mrs. G.L. Challen (K) 1997

.....Popowia pisocarpa (Annonaceae)

Shrub ± 2 m tall, 3 cm diam, Flower white, ridge area ± 360 m alt. Occasional.

NGS.2771

..... ? Rubiaceae

Shrub ± 50 cm tall, Flower white, occasional at slope area ± 430 m alt.

NGS.2772

..... ? Melastomataceae

Herb ± 50 cm tall, Flower bud yellowish green, calyx pale green, occasional at slope area ± 430 m alt.

NGS.2773

..... ? Melastomataceae

Herb 25 cm tall, Styles pinkish, occasional, slope area ± 430 m alt.

NGS.2774

Ixora (Rubiaceae)

Small tree/shrub ± 2.5 m tall. 2 cm diam, Flower orange, Fruit red turning into black, ridge area ± 450 m alt, occasional.

2775 Rubiaceae cf. Ancistrocladus

NGS.2776

.Selaginella..... ?

Terestrial fern, ridge area ± 450 m alt. Rare

NGS.2777

..Aglaia..... (Meliaceae)

Tree ± 12 m tall, 15 cm diam, Flower pale green, Fruit glaucus, Bark brown, innerbark pale brown, occasional at ridge area ± 450 m alt.

NGS.2778

Pterisanthes (Vitaceae)

Vine with green fruit, occasional at ridge area ± 450 m alt.

NGS.2779 ✓

Moss on the tree roof, ± 450 m alt.

NGS.2780 NCI

..... (Burseraceae)

Small tree ± 12 m tall, 13 cm diam, Young fruit green, Bark brown, Sapwood light brown with latex ± 450 malt.

NGS.2781

.Hedcotis..... ? Rubi[illegible]

Climber, Fruit green, rare ± 450 m alt.

NGS.2782 NCI

Memexylon (Melastomataceae)

Tree ± 20 m tall, 22 cm diam, Young fruit pale green, Bark dark brown, occasional ridge area ± 450 m alt.

NGS.2783

..... (Annonaceae)

Shrub ± 2 m tall, 2 cm diam, Flower yellow, ridge area ± 460 m alt.

NGS.2784

Gnetum (Gnetaceae)

Shrub ± 2.5 m tall. Flower bud pale yellow, rare ± 450 m alt.

NGS.2785

..... (Orchidaceae)

Saprophytic orchid, Flower creamy colon with purple striky ?

NGS.2786

..... (Rubiaceae)

Herb ± 15 cm tall, Flower white, rare ± 450 m alt.

NGS.2789

Begonia (Begoniaceae)

Herb on the stone, Flower white, Common on the stone ± 500 m alt.

NGS.2790

..Cf...Dysoxylum (Meliaceae)

Small tree ± 3 m tall, 2 cm diam, Young fruit glaucus, occasional at ridge area ± 450 m alt.

NGS.2791

..... (Clusiaceae)

NGS.2791 NC1

..... (Clusiaceae)

Small tree ± 4 m tall, 3 cm diam, Fruit green, Bark with white latex, occasional, slope area ± 450 m alt.

NGS.2792

Meliosma (Sabiaceae)

Small tree ± 3 m tall, 2 cm diam, Fruit yellow turning to red occasional at slope area ± 450 m alt.

NGS.2793

Anthrophyum (Anthrophyum Group)

Epiphytic fern on the stone at slope area ± 450 m alt. Common

NGS.2794

Cheilocyclus (Zingibraceae)

Herb ± 15 cm tall, Flower white, slope area ± 450 m alt, Common.

NGS.2795

Urophyllum (Rubiaceae)

Shrub ± 2 m tall, 2 cm diam, Flower pale green, occasional slope area ± 450 m alt.

NGS.2796

~~Ixora~~ psychotria (Rubiaceae)

Shrub ± 1.5 m tall, 1 cm diam, Young fruit green, occasional slope area ± 450 m alt.

~~June 21, 1969~~

NGS.2797

Lindsaea (Lindsaea Group)

Epiphytic fern on decayed loggs at slope area ± 200 m alt. Occasional.

NGS.2798

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 50 m tall, 150 cm diam, Bark redish brown ± cracky and flacking, occasional, slope area ± 200 m alt.

NGS.2799

Saprophytic plant, Flower white with dark stamen, rare at slope area ± 200 m alt.

June 23, 1989 → upper Sungai Sembawang, riverside

~~Loc. Semawang river and around.~~

NGS.2800

Aglaia (Meliaceae)

Small tree ± 6 m tall, 5 cm diam, Flower bud yellow, fragrant Occasional ~~at river bank~~ ± 200 m alt.

NGS.2801

Dendrobium (Orchidaceae)

Epiphytic orchid, Fruit yellow, occasional ± 200 m alt. ~~River bank~~.

NGS.2802 NCI

Astronia (Melastomataceae)

Tree ± 20 m tall, 40 cm diam, Flower pinkish with red in the midle, Stamens yellow, Young fruit green, Bark redish brown, ~~at river bank~~ ± 200 m alt. Occasional.

NGS.2803

Leea (Leeaceae)

Shrub ± 2 m tall, 1 cm diam, Flower white, Fruit greenish brown, occasional ~~at river bank~~ ± 200 m alt.

NGS.2804

Antidesma (Euphorbiaceae)

Shrub ± 2 m tall, 2 cm diam, Fruir red, ~~River bank~~ ± 200 m alt.

NGS.2805

..... (Acanthaceae)

Herb ± 50 cm tall, Flower white, river bank ± 200 m alt. Common.

NGS.2806

Globba (Zingibraceae)

Herb 25 cm tall, on the stone at river bank, Flower white with red lip in the midle, ~~river bank~~ ± 200 m alt.

NGS.2807

..... Flacourtiaceae

Shrub ± 2 m tall, 1 cm diam, Flower bud green, occasional ~~at river bank~~ ± 200 m alt.

NGS.2808

Aglaia (Meliaceae)

NGS.2808

Aglaia (Meliaceae)

Small tree ± 12 m tall, 12 cm diam, Fruit orange, some time edible, sweet aril, ~~river bank~~ ± 200 m alt.

NGS.2809

..Alangium... ? Alangiaceae

Small tree ± 8 m tall, 7 cm diam, Fruit red, ~~near river bank~~ ± 200 m alt.

NGS.2810

..Polygala...?

Shrub ± 2 m tall, Flower white, tube purplish, anther yellow turning into orange, peduncle purple, occasional ~~near river bank~~ ± 200 m alt.

NGS.2811

Begonia (Begoniaceae)

Herb ± 1 m tall, Flower white, Common ~~near the river bank,~~ ± 200 m alt.

NGS.2812

Globba (Zingibraceae)

Herb ± 25 cm tall, Flower red (backt.) with yellow anther, ~~near river bank~~ ± 200 m alt.

NGS.2813

~~Elatostema~~ Isolkilospermum (Urticaceae)

Herb ± 60 cm tall, on the stone, Flower pale green, rare ~~river bank~~ ± 200 m alt.

NGS.2814

Begonia (Begoniaceae)

Herb ± 30 cm tall, Flower white, stem and underneath of leaf purple, ~~river bank~~ ± 200 m alt.

NGS.2815

..... (Annonaceae)

Small tree ± 10 m tall, 8 cm diam, Flower red, Fruit green, Bark dark grey, ~~river bank~~ ± 200 m alt.

NGS.2816

Sterculia stipulata (Sterculiaceae)

Small tree ± 8 m tall, 12 cm diam, Flower pink, Fruit red , Bark grey, ~~river bank~~ ± 200 m alt.

NGS.2817

Anthropyum (Anthropyum Group)

Epiphytic fern on the decayed log, ~~river bank~~ ± 200 m alt.

NGS.2818

..... ? Rub.

Shrub ± 1.5 m tall, Flower white, occasional at slope area ± 200 m alt.

NGS.2819

~~Ixora~~ Memecylon (~~Rubiaceae~~) Melastomataceae

Shrub 2 m tall, 1.5 cm diam, Fruit pinkish white, occasional at slope area ± 210 m alt.

NGS.2820

Callicarpa (Verbenaceae)

Small tree ± 6 m tall, 12 cm diam, Flower white, Fruit red, Bark light brown, occasional at slope area ± 220 m alt.

NGS.2821

Nauclea (Rubiaceae)

Tree ± 20 m tall, 25 cm diam, Fruit greyish brown, Bark light brown fissured, occasional at slope area ± 220 m alt.

NGS.2822

Phayus (Orchidaceae)

Terestrial orchid, Flower yellow with red spot, dark reticulate, at slope area ± 250 m alt. Occasional.

NGS.2823

..... (Annonaceae)

Tree ± 30 m tall, 40 cm diam, Flower yellow with white stamens, Bark redish brown ± slight fissured, Fruit red, occasional at slope area ± 250 m alt.

NGS.2824

Microcos (Tiliaceae)

Small tree ± 5 m tall, 4 cm diam, Flower white with yellow anther, occasional, flat area ± 270 m alt.

NGS.2825

Gonystylus (Thymelaceae)

Small tree ± 3 m tall, 3 cm diam, Flowercream, Fruit glaucus occasional, flat area ± 250 m alt.

NGS.2826

..... (Apocynaceae)

Small tree ± 3 m tall, 3 cm diam, Flower white, Bark greyish with white latex, occasional, flat area ± 250 m alt.

NGS.2827

Disochaeta (Melastomataceae)

Ascending vine ± 3 m tall, Flower white, Fruit green, occa - sional, flat area ± 250 m alt.

NGS.2828

Calophyllum (Clusiaceae)

(Voucher specimen), Small tree ± 4m tall, ± 250 m alt.

NGS.2829

Ryparosa (Flacaurtiaceae)

Small tree ± 10 m tall, 12 cm diam, Fruit brownish green, occasional at flat area ± 300 m alt.

NGS.2830

Memexylon (Melastomataceae)

Small tree ± 12 m tall. 12 cm diam, Fruit pale green, Bark redish brown. occasional, flat area ± 300 m alt.

NGS.2831

Saurauia (Actinidiaceae)

Shrub ± 2 m tall, Flower white, occasional, flat area ± 300 m alt.

NGS.2832

..... ? Ru

Shrub ± 1.5 m tall. Fruit green, occasional at flat area ± 300 m alt.

NGS.2833

..... ?

Epiphytic fern at stem of a tree, occasional near river bank ± 200 m alt.

NGS.2834

..... ?

Terestrial fern, at ridge area ± 400 m alt. Occasional.

NGS.2835

..... . (Clusiaceae)

Sapling ± 6 m tall, 5 cm diam, Slope area ± 400 m alt.

NGS.2836
Sapling ± 4 m tall, Ridge area ± 450 m alt. occasional.

NGS.2837
(Voucher specimen), Sapling ± 4 m tall, Ridge area ± 450 m alt. occasional.

NGS.2838
(Voucher specimen), Sapling 4 m tall, Ridge area ± 450 m alt. Occasional.

NGS.2839
..... (Dipterocarpaceae)
(Voucher specimen), Big tree ± 45 m tall, 1 m diam, Bark redish brown, deeply fissured, Buttrees ± 1 m tall, occasional at slope area ± 450 m alt.

June 26, 1989 June 24, 1989 → Ridge area W of Camp

NGS.2840 NC1
Gymnacranthera (Myristicaceae)

Small tree ± 15 m tall, 10 cm diam, Fruit pale green with red aril, caulifrory, Bark grey, innerbark pale brown, occasional at slope area ± 250 m alt.

NGS. 2841
Actiodaphne (Lauraceae)
Tree ± 20 m tall, 20 cm diam, Fruit orange, Bark redish brown innerbark pale brown, ridge area ± 200 m alt. occasional.

NGS.2842 NC1
Polyalthia hypoleuca (Annonaceae)
Tree ± 20 m tall, 18 cm diam, Fruit green, Outerbark greenish brown, innerbark pale yellow, Sapwood pale yellow, Slope area ± 200 m alt. Occasional.

NGS.2843
Knema (Myristicaceae)
Undershrub ± 2 m tall, 1.5 cm diam, Flower bud yellow, slope area ± 200 m alt. Occasional.

NGS.2844
Ryparosa (Flacaurtiaceae)
Tree ± 20 m tall, 20 cm diam, Fruit glaucus (pale brown) near river stream ± 200 m alt.

NGS.2845

.....?

Small tree ± 4 m tall, 3 cm diam, Flower pale violet, inside brown, occasional near the water stream, ± 200 m alt.

NGS.2846

Nauclea (Rubiaceae)

Tree ± 15 m tall, 15 cm diam, Bark grey, innerbark pale yellow ± smooth, occasional near river bank ± 200 m alt.

NGS.2847

..... ?

Small tree ± 6 m tall, 5 cm diam, Flower pale yellow, inflorescens ± 1 m long, Rachis ± 125 cm long, occasional at flat area ± 200 m alt.

NGS.2848

Memexylon (Melastomataceae)

Small tree ± 6 m tall, 6 cm diam, Flower bud pink, Bark brown occasional at flat area ± 200 m alt.

NGS.2849

..... ?

Shrub ± 2 m tall, 1 cm diam, Fruit orange, occasional at flat area ± 200 m alt.

NGS.2850

Lithocarpus (Fagaceae)

Tree ± 30 m tall, 35 cm diam, Flower yellowish brown (Flower bud), Bark dark brown, innerbark redish brown, occasinal at flat area ± 200 m alt.

NGS.2851

Litsea (Lauraceae)

Small tree ± 3 m tall, Fruit green, occasional at flat area ± 200 m alt.

NGS.2852

Small tree ± 8 m tall, 7 cm diam, Fruit dark green, Outerbark redish brown ± rugose, innerbark redish brown, occasional flat area ± 200 m alt.

NGS.2853

..... ?

Climber ± 10 m tall, 3 cm diam, Young fruit green, occasional flat area ± 200 m alt.

NGS.2854

Litsea cf. grandis (Lauraceae)

Tree ± 30 m tall, 40 cm diam, Flower pale green, Bark redish brown, rugose, Sapwood yellow, flat area ± 200 m alt.

NGS.2855

Diospyros (Ebenaceae)

Tree ± 25 m tall, 25 cm diam, Flower black, Bark grey, occasional at flat area ± 200 m alt.

NGS.2856

Voacanga (Apocynaceae)

Small tree ± 10 m tall, 15 cm diam, Flower white, Fruit green, Bark pale brown with white latex, occasional at flat area ± 200 m alt.

NGS.2857

..... (Melastomataceae)

Climber ± 10 m tall, Flower pink with yellow stamens, occasional at flat area ± 200 m alt.

NGS.2858

Litsea (Lauraceae)

Tree ± 12 m tall, 13 cm diam, Flower bud green, occasional, flat area ± 200 m alt.

NGS.2859

Aglaia (Meliaceae)

Tree ± 35 m tall, 30 cm diam, Flower golden brown, fragrant, Bark redish brown, occasional at flat area ± 250 m alt.

NGS.2860

..... ?

Climber ± 25 m tall, Flower pale yellow, Fruit dark brown, ± 250 m alt.

NGS.2861

..... ?

Climber ± 25 m tall, Flower greenish white, flat area ± 250 m alt. Occasional.

NGS.2862

..... ?

Herb ± 1 m tall, Fruit violet, flat area ± 250 m alt.

June 27, 1989. → Ridge N of camp. W flank of G. Bentuang

Loc. Selanggai river and around

NGS.2863

Diospyros (Ebenaceae)

Tree ± 12 m tall, 30 cm diam, Bark brown, Sapwood pale yellow flower greenish white, Young fruit green, occasional at flat area ± 110 m alt. Tuba (local name).

NGS.2864

Meliosma (Sabiaceae)

Tree ± 10 m tall, 10 cm diam, Bark brown, rugose, Sapwood yellow, Young fruit green, Occasional at slope area ± 110 m alt. Primary forest.

NGS.2865

Leea (Leeaceae)

Shrub 3 m tall, 2.5 cm diam. Flower greenish white, Fruit brownish green, Common ± 110 m alt. Primary forest.

NGS.2866 Euphorbiaceae. Eo

Tree ± 17 m tall, 17 cm diam, Bark brownish ± smooth, Sap - wood yellowish, Young fruit green, Endosperm yellowish green Slope area ± 120 m alt. occasional, Primary forest.

NGS.2867

Saurauia (~~Actinidiaceae~~)

Tree ± 20 m tall, 18 cm diam, Bark brown ± rugose, Sapwood yellowish, juice red, Young fruit green, Occasional at slope area ± 150 m alt.

NGS.2868

? Chionanthus (~~Oleaceae~~) K

Small tree ± 6 m tall, 7 cm diam, Bark brown ± smooth, Fruit red (mature), Primary forest, slope area ± 150 m alt. Kubah (local name)

NGS.2689

Diospyros (Ebenaceae)

Shrub ± 3 m tall, 2 cm diam, Young fruit green, Primary fores, Slope area ± 150 m alt.

NGS.2870

NGS.2870

...Aglaia..... (Meliaceae)

Poana (local name), Tree ± 17 m tall, 20 cm diam, Bark Brownish ± rugose, Sapwood yellowish, Fruit pinkish red, Slope area ± 180 m alt. Primary forest.

NGS.2871

...Memecylon..... (Melastomataceae)

Tree ± 14 m tall, 15 cm diam, Bark brown ± smooth, Sapwood yellowish, Flower : Sepal redish brown, Petals yellow, Stamens yellow, pistilum yellow, Primary forest, slope area ± 200 m alt. Rare

NGS.2872

~~Ilex~~ Aglaia (~~Aquifoliaceae~~)

Tree ± 12 m tall, 10 cm diam, Bark brown, Sapwood yellowish Flower brown, slope area ± 200 m alt.

NGS.2873

Knema cinerea (Myristicaceae)

Small tree ± 4 m tall, 5 cm diam, Fruit brown, Occasional at slope area ± 200 m alt.

NGS.2874

Acronychia (Rutaceae)

Small tree ± 8 m tall, 9 cm diam, Bark yellow ± smooth, Sapwood yellowish, Young fruit green, fragrant like citrus, hill area ± 200 m alt.

NGS.2875

Arthrophyllum (~~Sapindaceae~~)

Shrub ± 3 m tall, 3 cm diam, Young fruit green, hill area ± 200 m alt. rare

NGS.2876

Rourea (Connaraceae)

Climber, Flower green, Slope area ± 200 m alt.

NGS.2877

..... (Melastomataceae)

Climber, Bracht white, Petal violet, slope area ± 220 m alt.

NGS.2878

...Perrotetria..... (Linaceae)

Climber, Flower white, slope area ± 220 m alt.

NGS.2879

Calophyllum (Clusiaceae)

Shrub ± 4 m tall, 4 cm diam, latex yellowish, Young fruit green, Primary forest, slope area ± 220 m alt.

NGS.2880

Antidesma (Euphorbiaceae)

Shrub ± 6 m tall, 6 cm diam, Fruit white, caulifrorus, occasional, flat area ± 240 m alt. Kudoyo (local name)

NGS.2881

..... (Rubiaceae)

Climber, Young fruit green, occasional, flat area ± 240 m alt.

NGS.2882

Knema (Myristicaceae)

Tree ± 17 m tall, Bark brown, rugose, Sapwood yellow, Juice red, Fruit brown, occasional, hill area ± 240 m alt.

NGS.2883

Labisia (Myrsinaceae)

Herb ± 30 cm tall, Young fruit greenish brown, occasional , flat area ± 220 m alt.

NGS.2884

Goniothalamus (Annonaceae)

Shrub ± 1.5 m tall, 1.5 cm diam, rare, slope area ± 200 m alt.

NGS.2885

Curculigo (Amarilidaceae)

Herb, terestrial 30 cm tall, ± 200 m alt. Flower yellow, Young fruit green.

NGS.2886

..... (Flacaurtiaceae)

Shrub ± 1 m tall, 1 cm diam, Flower yellow, occasional ± 200 m alt.

June 28, 1989

Loc. Senginau river and around.

NGS.2887

..... (Moraceae)

Shrub ± 130 cm tall, 1.5 cm diam, Flower greenish, occasional ± 140 m alt.

NGS.2888

Ardisia (Myrsinaceae)

Shrub ± 2 m tall, 2 cm diam, Mature fruit violet, occasional ± 150 m alt.

NGS.2889

Actinodaphne (Lauraceae)

Tree ± 22 m tall, 20 cm diam, Bark brown ± smooth, Sapwood yellowish, occasional, slope area ± 140 m alt.

NGS.2890

.....

Climber, Young fruit green, occasional, slope area ± 150 m alt.

NGS.2891

Ficus (Moraceae)

Kayu ara (local name), Liana, Fruit yellowish green with yellow spots, occasional, slope area ±150 m alt.

NGS.2892

..... (Rubiaceae)

Liana, Flower bud green, occasional, slope area ± 150 m alt.

NGS.2893

Xanthophyllum (Polygalaceae)

Shrub ± 5 m tall, 5 cm diam, Young fruit green, cauliflorus occasional, slope area ± 150 m alt.

NGS.2894

..... (Rubiaceae)

Shrub ± 1 m tall, Flower white, Fruit dark blue (mature) common, slope area ± 140 m alt.

NGS.2895

Gironiera (Ulmaceae)

Tree ± 25 m tall, 30 cm diam, Bark brownish ± smooth, Sapwood yellow, Fruit orange (mature), occasional, slope area ± 130 m alt. Kayu kudu (local name)

NGS.2896

Ryparosa (Flacaurtiaceae)

Tree ± 15 m tall, 14 cm diam, Young fruit green with brown spots, occasional, slope area ± 110 m alt. Buah kurap (local name).

NGS.2897

Sterculia macrophylla (Sterculiaceae)

Tree ± 30 m tall, 25 cm diam, Bark brownish, Sapwood yellowish brown, Fruit red - orange, seed white, rare, flat area ± 140 m alt.

NGS.2898

Ficus (Moraceae)

Shrub 2.5 m tall, 3 cm diam, Fruit orange, occasional, flat area ± 140 m alt.

NGS.2899

Ficus (Moraceae)

Tree ± 12 m tall, 15 cm diam, latex white, Bark brownish, Sapwood yellowish, Fruit yellowish green, hairy, occasional, slope area ± 110 m alt.

NGS.2900

Microcos (Tiliaceae)

Small tree ± 10 m tall, 10 cm diam, Bark dark brown, Sapwood brownish, Flower yellow, Young fruit green, flat area ± 130 m alt. Kayu pasis (local name)

NGS.2901

..... (Rubiaceae)

Herb 20 cm tall, Flower yellow, Fruit white, common, flat area ± 130 m alt.

NGS.2902

Saurauia (Actinidiaceae)

Shrub 2.5 m tall, 2 cm diam, Flower : perianth dark red, stamens yellow, flat area ± 130 m alt

NGS.2903

..... (Rubiaceae)

Tengara (local name), Tree ± 15 m tall, 20 cm diam, Bark brownish, Sapwood brown, Young fruit green, flat area ± 130 m alt.

NGS.2904

.....urophyllum (Rubiaceae)

Shrub ± 2 m tall, 2 cm diam, Fruit orange, flat area ± 130 m alt.

NGS.2905

NGS.2905

Saurauia (Actinidiaceae)

Small tree ± 7 m tall, 8 cm diam, Young fruit green, cauliflorus, occasional, flat area ± 130 m alt.

NGS.2906

..Ilex..... ? Aquifolia

Small tree ± 9 m tall, 10 cm diam, Bark yellowish, Sapwood yellowish, Fruit green, flat area ± 130 m alt.

NGS.2907

Flacaurtia ? rukam (Flacaurtiaceae)

Small tree 6 m tall, 7 cm diam, Bark yellowish, Sapwood yellow, stem with spiny, Fruit pink to red, cauliflorus, rare flat area ± 130 m alt.

June 28, 1989

Loc. Cigep river and around.

NGS.2908

..... (Orchidaceae)

Epiphytic orchid, Young fruit green, Leaves green with brown side, occasional ± 190 m alt.

NGS.2909

..... ?

Epiphytic fern, Sporangium green, ± 190 m alt.

NGS.2910

..... (Orchidaceae)

Epiphytic orchid, Flower dark brown, Brachtea greenish brown, ± 190 m alt.

NGS.2911

..... (Orchidaceae)

Epiphytic orchid, Fruit greenish brown, ± 190 m alt.

NGS.2912

Bhesa paniculata (Celastraceae)

Tree ± 25 m tall, 30 cm diam, Bark brown ± smooth, Sapwood yellow, Fruit greenish brown, flat area ± 220 m alt.

Kayu adin (local name).

NGS.2913

..... (Orchidaceae)

Epiphytic orchid, Fruit green, ± 220 m alt.

NGS.2914

..... .

Terestrial fern, ± 220 m alt.

NGS.2915

Asplenium (Asplenium Group)

Epiphytic fern ± 220 m alt.

NGS.2916

Selaginella (Selaginellaceae)

Terestrial fern, on the stone (rock) ± 220 m alt.

NGS.2917

Agelaea (Connaraceae)

Climber, Young fruit green, rare ± 220 m alt.

NGS.2918

..... (Urticaceae)

Herb 25 cm tall, Flower white, Common ± 220 m alt.

NGS.2919

..... (Burseraceae)

Small tree ± 15 m tall, 18 cm diam, Bark brown, Sap wood yellow, Flower : Sepal yellowish green, petals yellowish , slope area ± 210 m alt.

NGS.2920

..... (Orchidaceae)

Epiphytic orchid, Fruit brown, ± 210 m alt.

NGS.2921

~~Farraea~~ Cryptocanya (~~Loganiaceae~~) Lauraceae.

Small tree ± 8 m tall, 10 cm diam, Bark dark brown, Sapwood yellow, Flower yellowish green, Young fruit green, rare slope area ± 220 m alt.

NGS.2922

~~Ardisia~~ Gomphaea (~~Myrsinaceae~~) Ochnaceae

Shrub 2 m tall, 1,5 cm diam, Flower : Sepal green, petal yellow, Fruit red, occasional at slope area ± 220 m alt.

NGS.2923

.....

NGS.2923

..Cyrtandra..... (~~Rubiaceae~~) Gesner

Herb 10 cm tall, Leaves : lower surface violet, Fruit brown, slope area ± 220 m alt. Common.

NGS.2924

..... ?

Terestrial fern, occasional at flat area ± 220 m alt.

NGS.2925

Mallotus (Euphorbiaceae)

Small tree ± 8 m tall, 9 cm diam, Bark pale brown ± smooth, Sapwood yellowish brown, Flower green, Fruit green, occasional, slope area ± 210 m alt.

June 30, 1989

Loc. Ngrisih river and around.

NGS.2926

..Carallia..... (~~Myrtaceae~~) Rhizo[illegible]

Tree ± 12 m tall, 15 cm diam, Bark yellowish brown ± smooth Sapwood brownish, occasional, flat area ± 110 m alt.

NGS.2927

Leea (Leeaceae)

Shrub 3 m tall, 3 cm diam, Young fruit green, River bank ± 110 m alt. common.

NGS.2928

..... (Rubiaceae)

Small tree ± 8 m tall, 12 cm diam, Bark brownish, Sapwood brownish, Flower greenish with yellow stamens, Young fruit green, river bank ± 110 m alt. rare

NGS.2929

Lycopodium (Lycopodiaceae) / Sella[illegible]

Terestrial fern, common at flat area ± 120 m alt.

NGS.2930

Horsfieldia (Myristicaceae)

Small tree ± 7 m tall, 6 cm diam, young Fruit green, Juice red, cauliflorus, occasional at flat area ± 120 m alt.

NGS.2931

Ardisia (Myrsinaceae)

Shrub 3 m tall, 3 cm diam, young Fruit brownish, occasional, flat area ± 120 m alt.

NGS.2932

~~Ixora~~ (~~Rubiaceae~~) cf

Shrub 2 m tall, 2 cm diam, Flower white, Flower bright red, flat area ± 120 m alt. Kayu bencing (local name).

NGS.2933

.Melicosma..... ?

Shrub 3 m tall, 2 cm diam, Flower brownish, slope area ± 120 m alt.

NGS.2934

..... (Rubiaceae)

Shrub 4 m tall, 5 cm diam, Flower white, young Fruit green, occasional slope area ± 130 m alt.

NGS.2935

Microcos (Tiliaceae)

Shrub 5 m tall, 4 cm diam, Fruit orange, edible acid teste, slope area ± 130 m alt. rare, Kusis (local name)

NGS.2936

..Leptonychia..... (Sterc ~~Euphorbiaceae~~)

Shrub ± 2 m tall, 2 cm diam, flat area ± 140 m alt. rare.

NGS.2937

Epiphytic fern on rollen log, ± 140 m alt.

NGS.2938

..... (~~Liliaceae~~)

Herb 20 cm tall, Flower yellow, young Fruit green, terestrial, flat area ± 140 m alt.

NGS.2939

..... (Araceae)

Herb 30 cm tall, Flower pinkish brown, Fruit green, river bank ± 140 m alt.

NGS.2940

Piper (Piperaceae)

Climber, Fruit brown. river bank ± 140 m alt.

NGS.2941

Ficus (Moraceae)

Climber, Fruit orange, ± 140 m alt.

NGS.2942

Globba (Zingibraceae)

Herb 30 cm tall, Flower redish brown, river bank ± 140 m alt.

NGS.2943

..... ? Verbenaceae

Climber, Fruit green, flat area ± 150 m alt.

July 1, 1989

Loc. Sembawang river and around

NGS.2944

..... ? Euphorbiaceae

Tree ± 25 m tall, 85 cm diam, Bark brown, Sapwood brownish, juice like water, young Fruit green, occasional at flat area ± 150 m alt.

NGS.2945

Croton (Euphorbiaceae)

Small tree ± 8 m tall, 17 cm diam, Bark brown, Sapwood yellowish brown, Flower bud pale brown, common flat area ± 150 m alt.

NGS.2946

Ficus (Moraceae)

Tree ± 12 m tall, 17 cm diam, young Fruit gree with yellow spots, Bark brown ± smooth, latex white, Sapwood yellowish near river bank, flat area ± 150 m alt. (cauliflorus)

NGS.2947

cf. Xanthophyllum (~~Rosaceae~~) polygalaceae.

Small tree ± 8 m tall, Bark brown ± smooth, Sapwood pale yellow, Flower greenish brown, young Fruit green, occasional, flat area ± 150 m alt. Kermis (local name)

NGS.2948

~~Ficus ??~~ (~~Moraceae~~) Urticaceae

Shrub ± 6 m tall, Flower ~~greenish~~ white, cauliforus, occasional, river bank ± 150 m alt.

NGS.2949

..... (Vitaceae)

Climber, Fruit violet, river bank ± 150 m alt.

NGS.2950

..... ?

Shrub 1 m tall, Flower greenis with yellow stamens, occasional, river bank ± 150 m alt.

NGS.2951

..... ? Lomariopsis

Terestrial fern, common, river bank ± 160 m alt.

NGS.2952

Chionanthus ..... (Oleaceae)

Small tree ± 7 m tall, 8 cm diam, Bark brown ± rugose, Sapwood yellowish, Flower white, occasional, river bank ± 160 m alt.

NGS.2953

<u>Poikilospermum</u> (~~Moraceae~~) Urticaceae

Liana ± 4 m tall, Fruit violet, occasional, river bank ± 160 m alt.

NGS.2954

..... (Urticaceae)

Shrub ± 3 m tall, 3 cm diam, Fruit green, river bank ± 160 m alt. Gayuh kerangah (local name)

NGS.2955

<u>Ficus</u> (Moraceae)

Small tree ± 5 m tall, 8 cm diam, Fruit green with yellow spots, occasional, river bank ± 160 m alt.

NGS.2956

<u>Ficus</u> ? <u>recurva</u> (Moraceae)

No description, Fruit orange, common, river bank ± 170 m alt.

NGS.2957

..... (Orchidaceae)

Epiphytic orchid, Fruit green, ± 160 m alt.

NGS.2958

<u>Cratoxylum</u> <u>sumatranum</u> (Hypericaceae)

Tree ± 30 m tall, 25 cm diam, Bark brown ± rugose, Sapwood yellowish, young Fruit green, flat area ± 160 m alt. rare.

NGS.2959

..... (Rubiaceae)

Shrub 2 m tall, 4 cm diam, young Fruit green, river bank ± 160 m alt. common.

NGS.2960

Crudia ? repicola (Fabaceae)

Shrub ± 5 m tall, 5 cm diam, Flower greenish, occasional, river bank ± 160 m alt.

NGS.2961

~~Schefflera~~ (~~Araliaceae~~) Ulmaceae.

Climber/liana, Fruit green, occasional ± 170 m alt.

NGS.2962

..... (Orchidaceae)

Epiphytic orchid, Flower white, ± 170 m alt.

NGS.2963

..... (Orchidaceae)

Epiphytic orchid, Flower white, ± 170 m alt.

NGS.2964

Myrtaceae ..... ?

Shrub ± 3.5 m tall, 3 cm diam, Stem with spiny, Fruit brown, occasional, flat area ± 170 m alt.

NGS.2965

Macaranga (Euphorbiaceae)

Tree ± 12 m tall, 14 cm diam, Bark grey ± smooth, Sapwood brownish, Flower pale green, flat area ± 150 m alt. secundary forest.

July 3, 1989

Loc. Sasi river and around.

NGS.2966

Saurauia (Actinidiaceae)

Shrub, Flower brownish, ± 280 m alt.

NGS.2967

..... (Maranthaceae)

Herb ± 30 cm tall, Flower yellow, ± 280 m alt.

NGS.2968

.....Morphyllum..... (Rubiaceae)

Shrub ± 2.5 m tall, 2.5 cm diam, Fruit orange, flat area ± 250 m alt.

NGS.2969

..... (Myristicaceae)

Shrub 2 m tall, 1.5 cm diam, young Fruit pale brown, occasional, slope area ± 250 m alt.

NGS.2970

Flacaurtia (Flacaurtiaceae)

Small tree ± 9 m tall, 10 cm diam, Fruit bright red, cauliflorus, Bark brown ± smooth, Sapwood yellow, occasional, river bank ± 240 m alt.

NGS.2971

det. Mrs. G.L. Challen (K) 1997

.....Meiogyne sp. (Annonaceae)

Small tree ± 7 m tall, 9 cm diam, Bark yellow ± smooth, Sapwood yellow, young Fruit green with pubescens (cauliflorus) Flat area ± 240 m alt.

NGS.2972

Callicarpa (Verbenaceae)

Shrub ± 2 m tall, 3 cm diam, Fruit bright red, occasional, slope area ± 240 m alt.

NGS.2973

..... (Rubiaceae)

Shrub 2 m tall, 2.5 cm diam, young Fruit green, occasional slope area ± 240 m alt.

NGS.2974

..... (Rubiaceae)

Shrub ± 2.5 m tall, 2 cm diam, Flower violet green, occasional, slope area ± 250 m alt.

NGS.2975

Antidesma (Euphorbiaceae)

Shrub ± 2 m tall, 2.5 cm diam, young Fruit white, occasional slope area ± 240 m alt.

NGS.2976

..... (Rubiaceae)

Herb, Flower violet, Fruit brown, Leaves lower surface dark red, slope area ± 240 m alt.

NGS.2977

Aglaia (Meliaceae)

Small tree ± 7 m tall, 6 cm diam, young Fruit green, cauli - florus, Bark brown ± smooth, Sapwood yellowish, occasional slope area ± 250 m alt.

NGS.2978

..... ?

Shrub 1.5 m tall, 1 cm diam, Flower white, slope area ± 240 m alt.

NGS.2979

..... (Rubiaceae)

Shrub 1.5 m tall, 1 cm diam, Fruit white, occasional, slope area ± 310 m alt.

NGS.2980

..... (Tiliaceae)

Shrub 2 m tall, 2.5 cm diam, Fruit green, cauliflorus, rare, slope area ± 310 m alt.

NGS.2981

..... ?

Terestrial fern, common, river bank ± 310 m alt.

NGS.2982

..... (Orchidaceae)

Epiphytic orchid, Flower : tepals white, labellum brown, ± 380 m alt.

NGS.2982 B

..... ?

Terestrial fern, slope area ± 390 m alt; rare .

NGS.2983

Antidesma (Euphorbiaceae)

Shrub 1 m tall, 1 cm diam, young Fruit pink, mature fruit black, flat area ± 390 m alt.

NGS.2984

Begonia (Begoniaceae)

Herb 10 cm tall, Flower white, river bank ± 390 m alt.

NGS.2985

..... (Rubiaceae)

Herb 15 cm tall, Flower greenish white, flat area ± 400 m alt.

July 4, 1989

Loc. Biak river and around.

NGS.2986

..... (Melastomataceae)

Herb 20 cm tall, Flower violet, occasional, near the water fall ± 550 m alt.

NGS.2987 Popowia sp. det. Mrs. G.L. Challen (K) 1997

Cananga ?? (Annonaceae)

Shrub 1 m tall, 1 cm diam, Flower pale yellow, slope area ± 650 m alt; common.

NGS.2988

..... (Ochnaceae)

Small tree 7 m tall, 8 cm diam, Bark yellowish brown, Sap - wood yellowish, young Fruit green, Seed yellow sticky, occasional, slope area ± 650 m alt.

NGS.2989

..... (Polypodiaceae)

Terestrial fern 80 cm tall, slop area ± 750 m alt.

NGS.2990

..... (Melastomataceae)

Herb 15 cm tall, Flower brownish, Leaves with red hairy, slope area ± 750 m alt; common.

NGS.2991

Pleomele (Liliaceae)

Herb 30 cm tall, Flower bud green, slope area ± 750 m alt.

NGS.2992

Adianthum (Adianthum Group)

Terestrialfern, occasional, flat area ± 750 m alt.

NGS.2993

Adianthum (Adianthum Group)

Epiphytic fern, occasional, flat area ± 750 m alt.

NGS.2994

Aglaia (Meliaceae)

Small tree 7 m tall, 4 cm diam, Fruit pink, occasional, slope area ± 760 m alt.

NGS.2995

..... (Sapotaceae)

Tree ± 15 m tall, 18 cm diam, Bark yellowish brown, Sapwood yellowish brown, young Fruit green, occasional, slope area ± 750 m alt.

NGS.2996

.....

Shrub 1 m tall, 1 cm diam, Flower white, flat area ± 750 m alt. rare.

NGS.2997

Ixora (Rubiaceae)

Shrub 5 m tall, 3 cm diam, Flower orange, occasional, flat area ± 770 m alt.

NGS.2998

Schefflera (Araliaceae)

Climber, Flower white, flat area ± 780 m alt; rare.

NGS.2999

Ixora (Rubiaceae)

Shrub 2.5 m tall, 1.5 m tall, Flower red, flat area ± 800 m alt; rare.

NGS.3000

Shorea (Dipterocarpaceae)

(Voucher specimen), Tree ± 40 m tall, 60 cm diam, Bark redish brown, deeply fissured, slope area ± 450 m alt.

NGS.3001

Gomphia (Ochnaceae)

Shrub ± 2 m tall, 2 cm diam, Flower yellow, ridge area ± 450 m alt; occasional.

NGS.3002

Urophyllum (Rubiaceae)

Shrub ± 2 m tall, 2 cm diam, Flower pale green, occasional ridge area ± 1220 feet.

NGS.3003

..... (Orchidaceae)

Saprophytic orchid, Flower pale green with brown strip, ridge area ± 1220 feet.

NGS.3004

..... (Annonaceae)

Shrub ± 2 m tall, 2 cm diam, Flower yellow, occasional, ridge area ± 1250 feet alt.

NGS.3005 NC1

Randia (Rubiaceae)

Tree ± 20 m tall, 20 cm diam, young Fruit green turning into redish orange, Bark pale brown, innerbark light brown ± smooth, occasional at ridge area ± 1220 feet alt.

NGS.3006

Memexylon (Melastomataceae)

Small tree ± 6 m tall, 7 cm diam, Fruit pale green, Bark dark brown, innerbark redish brown, occasional at ridge area ± 1220 feet alt.

NGS.3007 NC1

..... (Euphorbiaceae)

Big tree ± 35 m tall, 1 m diam, young Fruit green, Bark grey, occasional at ridge area ± 1230 feet alt.

NGS.3008 NC1

..... (Myristicaceae)

Big tree ± 30 m tall, 150 cm diam, Fruit orange, mesocarp, indocaro white, Arilus yellow, Bark redish brown ± rugose - coarcky flacking, innerbark pale brown with red sap, ridge area ± 1480 feet alt.

NGS.3009

Shorea (Diptercarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 150 cm diam, Bark brown, deeply fissured reticulate, Buttrees 2 m tall, slope area ± 1480 feet alt.

NGS.3010

Shorea (Dipterocarpaceae)

Big tree ± 45 m tall, 150 cm diam, Bark redish brown, deeply fissured, reticulate, Buttrees 1 m tall, occasional slope area ± 1530 feet alt.

NGS.3011

..... (Dipterocarpaceae)

Small tree ± 15 m tall, 15 cm diam, Bark brown, fissured, slope area ± 1500 feet alt; occasional. (Voucher specimen)

NGS.3012 det. Mrs. G.L. Challen (K) 1997

..... Meiogyne sp. (Annonaceae)

Small tree ± 6 m tall, 7 cm diam, Fruit green, slope area ± 1530 feet alt.

NGS.3013 NCI

Polyalthia (Annonaceae)

Small tree ± 8 m tall, 10 cm diam, Flower dark brown inside, pale brown outside, Samens white, slope area ± 1550 feet alt. occasional, Bark black, innerbark pale yellow.

NGS.3014

Litsea (Lauraceae)

Tree ± 20 m tall, 20 cm diam, young Fruit yellowish green, Bark redish brown, ± 1550 feet alt.

NGS.3015

Thallophyte

(Liverwort) on the log, ± 1350 feet alt.

NGS.3016

Aglaia (Meliaceae)

Small tree ± 7 m tall, 10 cm diam, Fruit brown, Bark redish brown ± smooth, near river bank ± 1350 feet alt.

NGS.3017 NCI

..... (Urticaceae)

Small tree ± 4 m tall, 10 cm diam, Flower white, occasional river bank ± 1300 feet alt.

NGS.3018

Microcos (Tiliaceae)

Small tree ± 4 m tall, 4 cm diam, Flower pale yellow, Fruit green, slope area ± 1300 feet alt.

NGS.3019 det Mrs. G.L. Challen (K) 1997

~~Polyalthia~~ Pseuduvaria reticulata (Bl.) Mig. (Annonaceae)

Tree ± 25 m tall, 25 cm diam, Fruit glaucus pale green, slope area ± 1300 feet alt.

NGS.3020

..... (~~Acanthaceae~~)

Herb ± 25 cm tall, Flower yellow, Fruit white, occasional, slope area ± 1350 feet alt.

NGS.3021

Dehaasia (Lauraceae)

Small tree ± 5 m tall, 5 cm diam, Flower red, occasional at slope area ± 400 m alt.

NGS.3022

Begonia (Begoniaceae)

Herb ± 10 cm tall, Flower white, Leavs upside dark green , underneath dark purpl..e, occasional at slope area ± 1350 feet Alt.

NGS.3023

..... ? [illegible]

Herb ± 25 cm tall, Flower white, Fruit pale green, ± 1350 feet Alt.

NGS.3024

..... ? Fern

Terestrial fern, slope area ± 1350 feet Alt.

NGS.3025

Prismatomeres [illegible]

Herb ± 30 cm tall, Flower pale green, Fruit green, occasional slope area ± 1350 feet Alt.

June 28, 1989

NGS.3026

Dendrobium... (Orchidaceae)

Epiphytic orchid, Flower yellowish brown, labellum dark pink, occasional at ridge area ± 1200 feet Alt.

NGS.3027

Eugenia (Myrtaceae) [illegible]

Tree ± 30 m tall, 40 cm diam, Flower bud green, Bark pale - brown, coarcky flacking, innerbark redish brown, ridge area ± 1200 feet Alt.

NGS.3028

..... ?

Terestrial fern ± 10 cm tall, occasional at ridge area ± 1200 feet Alt.

NGS.3029

NGS.3029 NCI

Drypetes (Euphorbiaceae)

Tree ± 30 m tall, 26 cm diam, Fruit green glaucus, outerbark brown slight fissured, innerbark brown, occasional at ridge area ± 1250 feet Alt.

NGS.3030

~~Mamea~~ Kayea baccariana (Clusiaceae)

Tree ± 25 m tall, 30 cm diam, Fruit (gold) brown, outerbark redish brown, innerbark pale brown with yellow sap, (Sticky) ridge area ± 1300 feet Alt; occasional.

NGS.3031

..... (Dipterocarpaceae)

(Voucher specimen), Big tree ± 50 m tall, 1 m diam, Bark brown, coarcky flacking, occasional at slope area ± 1400 feet Alt.

NGS.3032

Saraca (Fabaceae)

Perojak (local name), Tree ± 25 m tall, 30 cm diam, Flower orange with red tube, Outerbark dark brown ± rugose, innerbark redish brown, occasional at flat area ± 1400 feet Alt.

NGS.3033

Aglaia (Meliaceae)

Aling (local name), Tree ± 15 m tall, 22 cm diam, Flower yellow, Bark redish brown ± smooth with white latex, slope area ± 1400 feet Alt.

NGS.3034

Thalophyte on the stone at slope area ± 1300 feet Alt.

NGS.3035 Pseuduvaria reticulata (Bl.) Mig. det. Mrs. G.L. Challen (K) 1977

Polyalthia (Annonaceae)

Tree ± 15 m tall, 13 cm diam, Fruit glaucus, Bark dark brown, innerbark pale brown, slope area ± 1350 feet alt.

NGS.3036

..... ? Menispermaceae

Climber ± 10 m tall, 3 cm diam, Fruit pale green, white latex, occasional slope area ± 1350 feet Alt.

NGS.3037

NGS.3037

..... (Annonaceae)

Small tree ± 10 m tall, 14 cm diam, Fruit green, occasional at slope area ± 1350 feet Alt.

NGS.3038 NCI

Adinandra sarosanthera (Theaceae)

Tree ± 35 m tall, 30 cm diam, Fruit green, calyx creamy white, Bark redish brown ± rugose, innerbark orange, occasional at flat area ± 900 feet Alt.

NGS.3039

Strychnos (Loganiaceae)

Climber ± 30 m tall, 4 cm diam, Fruit light green, flat area ± 900 feet Alt.

NGS.3040

Calycarpa (Verbenaceae)

Small tree 4 m tall, 4 cm diam, Fruit red, at flat area in open area (gap), occasional ± 1000 feet Alt.

NGS.3041

Aglaia (Meliaceae)

Small tree ± 8 m tall, 7 cm diam, Flower cream, slope area ± 1000 feet Alt.

NGS.3042

Lasianthus..... (Rubiaceae)

Shrub ± 2 m tall, 1 cm diam, Fruit creamy white, slope area ± 1000 feet Alt.

NGS.3043

Globba (Zingibraceae)

Herb ± 30 cm tall, Flower white, occasional at flat area ± 1000 feet Alt.

NGS.3044

Urophyllum (Rubiaceae)

Shrub ± 2 m tall, 2 cm diam, Flower white, Fruit orange, young leavs dark green, redish green underneath, occasional at slope area ± 1000 feet Alt.

NGS.3045

June 29, 1989

Loc. Bentuang mountain and around

NGS.3045

Agathis (Araucariaceae)

Tree ± 30 m tall, 50 cm diam, Bark dark brown rugose, at slope area ± 2200 feet Alt. (Voucher specimen)

NGS.3046

Shorea (Dipterocarpaceae)

(Voucher specimen), Tree ± 45 m tall, 1 m diam, Bark redish brown, coarcky flacky, Buttrees 2 m tall, ± 2200 feet Alt.

NGS.3047

Shorea (Dipterocarpaceae)

Tree ± 30 m tall, 30 cm diam, Bark slight fissured brown, slope area ± 2200 feet Alt. (Voucher specimen)

NGS.3048

Shorea (Dipterocarpaceae)

Tree ± 25 m tall, 80 cm diam, Bark rusty red, innerbark red, at ridge area ± 2800 feet Alt. (Voucher specimen)

NGS.3049

~~Scurrulla~~ (Loranthaceae)

Parasity ± 3 m high, Flower red, occasional at ridge area ± 2800 feet Alt.

NGS.3050

Shorea (Dipterocarpaceae)

Tree ± 35 m tall, 1 m diam, Bark redish brown, deeply fissured, ridge area ± 3300 feet Alt. (Voucher specimen)

NGS.3051

Nephenthes (Nephenthaceae)

ridge area ± 3350 feet Alt.

NGS.3052

Hymenophyllum (Hymenophyllaceae)

At the bark of tree trunk ± 3500 feet Alt.

NGS.3053

Dischidia (Asclepiadaceae)

Vine/climber, Flower pink, ridge area ± 3500 feet Alt.

NGS.3054

NGS.3054
Dacrydium (Podocarpaceae)
Sapling ± 5 m tall, ridge area ± 3510 feet Alt.
(Voucher specimen)

NGS.3055
Moss
on decayed log at ridge area ± 3650 feet Alt.

NGS.3056
.....
Fern, ridge area ± 3600 feet Alt.

NGS.3057
Hepatic on the stem ± 3600 feet Alt.

NGS.3058
Moss
on decayed logs, ridge area ± 3600 feet Alt.

NGS.3059
..... (Orchidaceae)
Saprophytic orchid. Flower white with strip violet, Labellum violet, stem and underneath leavs violet, upside brownish green, ridge area ± 3900 feet Alt.

NGS.3060
Rhododendron (Ericaceae)
Shrub ± 2 m tall, 1 cm diam, Flower red, occasional at top area ± 4400 feet Alt.

NGS.3061
.....
Shrub ± 2 m tall, 3 cm diam, Flower creamy, top area ± 4400 feet Alt; common.

NGS.3062
.....
Shrub ± 2 m tall, Fruit green, at top area ± 4400 feet Alt; occasional.

NGS.3063
Ficus (Moraceae)
Shrub ± 2 m tall, Fruit redish brown, top area ± 4400 feet Alt.

NGS.3064

Cinnamomum (Lauraceae)

Small tree ± 4 m tall, 5 cm diam, Flower yellow, at top area 4400 feet Alt.

NGS.3065

..Diplycosia..... (Ericaceae)

Shrub ± 2 m tall, Fruit purple, at top area 4400 feet Alt.

NGS.3066

..... (Rubiaceae) → cf Loga

Shrub ± 2 m tall, Flower white, Ripe fruit black, top area 4400 feet Alt.

NGS.3067

Drimis (Winteraceae)

Shrub ± 3 m tall, 3 cm diam, Flower white, top area ± 4400 feet Alt.

NGS.3068

..... (Orchidaceae)

Epiphytic orchid, Flower cream color with purple stricke, Labellum yellow, occasional 4100 feet Alt.

NGS.3069

Garcinia (Clusiaceae)

Small tree ± 6 m tall, 7 cm diam, Fruit dark red, ridge area at top 4400 feet Alt.

NGS.3070 NCI

Agathis (Araucariaceae)

(Voucher specimen) Sapling ± 6 m tall, 10 cm diam, ridge area 4400 feet Alt.

NGS.3071

Podocarpus (Podocarpaceae)

(Voucher specimen), Sapling 4000 feet Alt.

NGS.3072

Medinilla (Melastomataceae)

Epiphytic plant, Flower orange, rare at ridge area 4000 feet Alt.

NGS.3073

Mosss

on the tree trunk, ridge area ± 4400 feet Alt.

NGS.3074
Liverwort base of tree trunk, 4400 feet Alt.

NGS.3075
Liverwort, roots at base tree, 4400 feet Alt.

NGS.3076
Liverwort base of tree, 4400 feet Alt.

NGS.3077 NC1
Dacrydium (Podocarpaceae)
Tree ± 20 m tall, 20 cm diam, Bark redish brown, Sapwood yellow , red sap, ridge area ± 4300 feet Alt.

NGS.3078
..... (Orchidaceae)
Epiphytic orchid, Flower white, occasional at ridge area ± 4300 feet Alt.

NGS.3079
Prunus (Rosaceae)
Shrub ± 5 m tall, 3 cm diam, young Fruit pale green, ridge area ± 4300 feet Alt.

NGS.3080
Garcinia (Clusiaceae)
Small tree ± 4 m tall, 3 cm diam, Fruit red, ridge area ± 3950 feet Alt.

NGS.3081
Ixora (Rubiaceae)
Shrub ± 2 m tall, 1 cm diam, Flower white, occasional, ridge area ± 3700 feet Alt.

NGS.3082
Adianthum (Adianthum Group)
Ridge area ± 4300 feet Alt; occasional.

NGS.3083
..... (Orchidaceae)
Flower yellow, ridge area ± 4300 feet Alt.

NGS.3084
Dendrobium (Orchidaceae)
Epiphytic orchid, Flower creamy white (bud) , 4400 feet Alt.

NGS.3085

Pleomele (Liliaceae)

Shrub ± 3 m tall, 2 cm diam, Fruit green, ridge area ± 4200 feet Alt; occasional.

NGS.3086 NCI

..... ?

Tree ± 20 m tall, 30 cm diam, Bark redish brown ± deeply fissured, Male cone yellow, ridge area ± 3880 feet Alt.

NGS.3087

Agathis (Araucariaceae)

(Voucher specimen), Sapling 4 m tall, ridge area ± 3050 feet Alt.

NGS.3088

..Alpinia..... (Zingibraceae)

Herb, Flower yellow, Fruit dark brown ± 3600 feet Alt; common at ridge area.

NGS.3089

.....

Terestrial fern, occasional at ridge area ± 3500 feet Alt.

NGS.3090

Ixora (Rubiaceae)

Shrub ± 3 m tall, 2 cm diam, Flower orange with red tube, Fruit redish brown, common at ridge area ± 4200 feet Alt.

NGS.3091

Ixora (Rubiaceae)

Shrub ± 3 m tall, 3 cm diam, Flower orange, occasional at ridge area ± 3000 feet Alt.

NGS.3092

Ixora (Rubiaceae)

Shrub 2 m tall, 1 cm diam, Flower white, occasional at ridge area ± 4300 feet Alt.

NGS.3093

.....

Terestrial fern, common at ridge area ± 4300 feet Alt.

NGS.3094

.Calastrus.....

Climber ± 2 m tall, Flower white, Fruit orange, occasional at ridge area at the top ± 4400 feet Alt.

NGS.3095

..Garcinia... ?

Small tree / Shrub, ± 4 m tall, 3 cm diam, Fruit dark brown, occasional at ridge area ± 2780 feet Alt.

NGS.3096

..... ? Rub

Shrub ± 2 m tall, 3 cm diam, Persistent Calyx pale green, ridge area at the top ± 4400 feet Alt.

NGS.3097

..... ?

Terestrial fern, common at ridge area 4200 feet Alt.

NGS.3098

<u>Didymocarpus</u> (Gesneriaceae)

Herb ± 30 cm tall, Fruit pinkish green, rare ± 4200 feet Alt.

NGS.3099

<u>Rhododendron</u> (Ericaceae)

Shrub ± 2 m tall, Flower sument pink (orange), occasional at ridge area ± 4200 feet Alt.

NGS.3100

..... (Melastomataceae)

Herb ± 25 cm tall, Flower white, occasional at ridge area ± 4300 feet Alt.

NGS.3101

.Sonerila..... ? Me[illegible]

Herb 15 cm tall, Flower pinkish white, occasional at ridge area ± 4300 feet Alt.

NGS.3102

..... ?

Terestrial fern, occasional at ridge area ± 3700 Alt.

NGS.3103

..... ?

Herb ± 10 cm tall, Flower white, occasional, Mossly forest at the top 4400 feet Alt.

NGS.3104

..... ?

Terestrial fern, occasional at ridge area ± 3900 feet Alt.

NGS.3105

..... ?

Epiphytic fern, occasional at ridge area ± 4400 feet alt.

NGS.3106

..... ?

Terestrial fern, occasional at ridge area 4400 feet Alt.

NGS.3107

Telypteris (Telypteridaceae)

Terestrial fern, ridge area ± 2700 feet Alt.

NGS.3108

Lindsaea (Lindsaea Group)

Epiphytic fern at base tree trunk, occasional, ridge area ± 4000 feet Alt.

NGS.3109

.Argostemma.. ? Rub

Herb 10 cm tall, Flower white, Mossy forest at near the top 4200 feet Alt; occasional.

NGS.3110

..... ?

Terestrial fern, common at the top of Bentuang (Mossy forest) 4400 feet Alt.

NGS.3111

..... ? Myr

Shrub ± 3 m tall, 4 cm diam, common at the top of Bentuang (Mossy forest) 4400 feet Alt.

NGS.3112

.Schizaea.... ?

Fern on the moss, occasional 4000 feet Alt.

NGS.3113

Nephenthes (Nephenthaceae)

Redish brown sacklip, dark brown at the top, occasional 4400 feet Alt.

NGS.3114

Adianthum (Adianthum Group)

Terestrial fern, occasional at ridge area 4200 feet Alt.

NGS.3115

Agrostophyllum (Orchidaceae)

Epiphytic orchid, Flower white, occasional at ridge area ± 4000 feet Alt.

NGS.3116

.Carex..... (Poaceae)

Grassis at ridge area, occasional ± 4200 feet Alt.

NGS.3117

..... ? (Orchidaceae)

Saprophytic orchid at ridge area 4000 feet Alt.

NGS.3118

Parasonerilla (Melastomataceae)

Herb ± 30 cm tall, Leave underneath and stem pink color, upper side dark green, occasional at ridge area ± 4300 feet Alt.

NGS.3119

Cf. Sonerilla..... ? (Melastomataceae)

Herb ± 30 cm tall, Leavs green, Stalk pink, occasional at ridge area 4300 feet Alt.

NGS.3120

.....

Fern, ridge area 3700 feet Alt; occasional.

NGS.3121

.....

Terestral fern, occasional at ridge area 3500 feet Alt.

NGS.3122

..Litsea....Lauraceae.

Shrub ± 2 m tall, 2 cm diam, Flower creamy white, occasional 2900 feet Alt.

NGS.3123

..... (Orchidaceae)

Epiphytic orchid, Flower bud redish green, occasional at the top of Bentuang 4400 feet Alt; occasional.

NGS.3124

Dacrydium (Podocarpaceae)

(Voucher specimen), Sapling 4 m tall, 3650 feet Alt.

June 30, 1989

NGS.3125

Ardisia (Myrsinaceae)

Shrub 2 m tall, 1 cm diam, Fruit green, occasional at flat area ± 1300 feet Alt.

NGS.3126

Memexylon (Melastomataceae)

Shrub ± 3 m tall, Flower white with violet stamens, occasional at flat area ± 1300 feet Alt.

NGS.3127

Knema (Myristicaceae)

Small tree ± 10 m tall, 10 cm diam, Fruit orange, slope area ± 1200 feet Alt.

NGS.3128

..... (Annonaceae)

Shrub 2 m tall, 1 cm diam, Flower pale brown, occasional at flat area ± 1200 feet Alt.

NGS.3129

Bhesa paniculata (Celastraceae)

Tree ± 25 m tall, 25 cm diam, Fruit orange, Bark redish brown ± slight fissured, innerbark yellow, occasional at slope area ± 1300 feet Alt.

NGS.3130

Tetrastigma (Vitaceae)

Climber ± 25 m tall, Fruit green turning into black, slope area ± 1300 feet Alt.

NGS.3131

..... (Acanthaceae)

Herb ± 10 cm tall, Flower bud green, occasional, slope area ± 1500 feet Alt.

NGS.3132

Pleomele (Liliaceae)

Shrub ± 1 m tall, 1 cm diam, Fruit red, rare at slope area ± 1500 feet Alt.

NGS.3133

NGS.3133

? Sonerilla (Melastomataceae)

Herb ± 10 cm tall, Flower violet, common at the stone wall, 1550 feet Alt.

NGS.3134

Ixora (Rubiaceae)

Shrub ± 2 m tall, 1 cm diam, young Fruit green, 1500 feet Alt.

NGS.3135

Asplenium (Asplenium Group)

Epiphytic fern, occasional at flat area ± 1300 feet Alt.

NGS.3136

Litsea (Lauraceae)

Tree ± 25 m tall, 40 cm diam, Flower yellow, Bark brown ± rugose, ± 1300 feet Alt.

NGS.3137

..... ? Rub.

Shrub 1 m tall, 1 cm diam, Fruit green, flat area 1300 feet Alt.

July 1, 1989

NGS.3138

Aglaia (Meliaceae)

Tree ± 12 m tall, 15 cm diam, Frui green, Bark redish brown ± smooth, occasional, slope area near river bank ± 1100 feet Alt.

NGS.3139

..... (~~Acanthaceae~~) Rub.

Herb ± 25 cm tall, persistant calyx dark green, occasional river bank ± 1100 feet Alt.

NGS.3140

..... (Orchidaceae)

on the stone, Flower pinkish white.

NGS.3141

Ficus (Moraceae)

Tree ± 10 m tall, 20 cm diam, Fruit green, cauliflorus, occasional at slope area ± 1500 feet Alt.

NGS.3142

..... (Melastomataceae)

Shrub ± 1 m tall, Flower pale green, slope area ± 1500 feet Alt.

3143 → Annonaceae.

NGS.3144

Microcos (Tiliaceae)

Small tree ± 8 m tall, 8 cm diam, Fruit orange, occasional ridge area ± 1600 feet Alt.

NGS.3145

Diospyros (Ebenaceae)

Tree ± 15 m tall, 15 cm diam, Young fruit brownish, Bark black ± fissured, ± 1600 feet Alt.

NGS.3146

Cratoxyllum sumatranum (Hypericaceae)

Tree ± 35 m tall, 40 cm diam, Young fruit green, occasional ridge area ± 1600 feet Alt.

NGS.3147

Psychotria (Rubiaceae)

Climber ± 1.5 m tall, Fruit pale green, occasional at ridge area ± 1600 feet Alt.

NGS.3148

Shorea (Dipterocarpaceae)

(Voucher specimen), Big tree ± 45 m tall, 130 cm diam, Buttrees 4 m tall, Bark redish brown, coarcky flacking, ridge area ± 1900 feet Alt.

NGS.3149

? ~~Garcinia~~ mamia (Clusiaceae)

Small tree ± 3 m tall, 4 cm diam, Fruit dark green, Bark yellowish brown, white milky sap (latex), slope area ± 1900 feet Alt.

NGS.3150 NCI

Barringtonia (Lecythydaceae)

Tree ± 25 m tall, 30 cm diam, Fruit brownish green, Bark brown ± smooth, occasional at slope area ± 1900 feet Alt. Kerakut (local name).

NGS.3151

NGS.3151

<u>Ardisia</u> (Myrsinaceae)

Kecapeng (local name), Tree ± 10 m tall, 10 cm diam, Fruit brown, Bark greyish brown, occasional at slope area ± 1860 feet Alt.

NGS.3152

..... (Acanthaceae)

Herb ± 1.5 m tall, Flower bud greenish brown, ± 1860 feet Alt.

NGS.3153

<u>Urophyllum</u> (Rubiaceae)

Small tree ± 6 m tall, 6 cm diam, Young fruit green, occasional at ridge area ± 1800 feet Alt.

NGS.3154

..... ?

Shrub ± 1.5 m tall, Flower bud redish green, slope area ± 1200 feet Alt.

NGS.3155

..... (Melastomataceae)

Climber ± 25 m tall, Flower white, occasional at slope area ± 1200 feet Alt.

NGS.3156

..... ? Melastomaceae

Shrub 1 m tall, Flower pale green, occasional near river bank ± 1200 feet Alt.

NGS.3157

<u>Litsea</u> (Lauraceae)

Small tree ± 10 m tall, 14 cm diam, Fruit glaucus, Occasional at flat area 850 feet Alt.

NGS.3158

<u>Labisia</u> (Myrsinaceae)

Herb ± 25 cm tall, Fruit white, occasional, slope area ± 900 feet Alt.

NGS.3159

..... (Zingibraceae)

Herb ± 1.5 m tall, Fruit red, occasional at slope area ± 1100 feet Alt.

NGS.3160
Piper ? (Piperaceae)
Herb ± 150 cm tall, Fruit orange, occasional near river bank ± 1100 feet alt.

NGS.3161
..... (~~Annonaceae~~) Myrist
Shrub ± 2 m tall, 2 cm diam, Fruit green, occasional at ridge area ± 1800 feet Alt.

July 3, 1989
Loc. Gunung Bentuang, E side 500 - 1500 '

NGS.3162
Ardisia (Myrsinaceae)
Undershrub 1 m tall, Flower pink, slope area ± 1100 feet Alt.

NGS.3163
Polyalthia (Annonaceae) 3164 NCI
Tree ± 10 m tall, 15 cm diam, Flower bud cream, calyx green, cauliflorus, slope area ± 1200 feet alt.

NGS.3166
Gonystylus (Thymelaceae)
Tree ± 25 m tall, 30 cm diam, Bark pale brown, young fruit brownish green, glaucus, flat area ± 1600 feet Alt.

NGS.3164
Beilschmiedia (Lauraceae)
Small tree ± 6 m tall, 7 cm diam, Flower red with yellow anther, ridge area ± 1500 feet Alt.

NGS.3165
Ardisia / Myrsine (Myrsinaceae)
Shrub 3 m tall, 3 cm diam, Flower pink, ridge area ± 1300 feet Alt.

3166. Thymelliaceae (D.)
Mel. Gonystylus

NGS.3167
..... Popowia sp. det. Mrs. G.L. Challen (K) 1997 (Annonaceae)
Shrub 1.5 m tall, 2 cm diam, Flower white, flat area ± 1300 feet Alt.

NGS.3168
Litsea (Lauraceae)
Tree ± 15 m tall, 15 cm diam, Bark redish brown, Flower white flat area ± 1300 feet Alt.

NGS.3169

Baccaurea (Euphorbiaceae)

Tree ± 6 m tall, 10 cm diam, Fruit red, ridge area ± 1350 feet Alt.

NGS.3170 NCI

Clerodendron (Verbenaceae)

Tree ± 13 m tall, 18 cm diam, Bark greyish brown, Flower pale green, occasional at ridge area ± 1350 feet Alt.

NGS.3171

Litsea (Lauraceae)

Shrub 3 m tall, 2 cm diam, Fruit green.

NGS.3172

Polyalthia (Annonaceae)

Tree ± 20 m tall, 20 cm diam, Flower greenish brown, cauli - florus.

NGS.3173

Litsea (Lauraceae)

Shrub 2 m tall, 2 cm diam, Fruit green.

NGS.3174

Aglaia (Meliaceae)

Small tree 4 m tall, 3 cm diam, Fruit pale brown, occasional ridge area ± 1350 feet Alt.

NGS.3175 NCI

Elatriospermum tapos (Euphorbiaceae)

Tree ± 25 m tall, 40 cm diam, common ridge area ± 200 m alt.

NGS.3176

Meliosma (Sabiaceae)

Shrub 1.5 m tall, Fruit pale green, occasional at flat area ± 1200 feet Alt.

NGS.3177

..... (Euphorbiaceae)

Small tree ± 4 m tall, 5 cm diam, Fruit green.

NGS.3178

Aglaia (Meliaceae)

Small tree ± 10 m tall, 10 cm diam, Flower bud brown.

NGS.3179

NGS.3179

Knema (Myristicaceae)

Small tree ± 10 m tall, 10 cm diam, Flower bud pale brown, occasional at slope area ± 1200 feet Alt.

NGS.3180

Begonia (Begoniaceae)

Braet and flower white with yellow stamens, underneath of leaf dark red - purple, Fruit pale green.

NGS.3181

Labisia (Myrsinaceae)

Herb ± 25 cm tall, Flower white.

NGS.3182

Ardisia (Myrsinaceae)

Shrub 1.5 m tall, Fruit green.

NGS.3183

Asplenium (Asplenium Group)

Epiphytic fern on small understory tree.

NGS.3184

? Popowia Popowia sp. det Mrs. G.L. Challen (K) 1997 (Annonaceae)

Small undershrub / treelet to 3 m, Flower yellow.

NGS.3185

..... (Orchidaceae)

Saprophytic orchid 15 cm tall, under shade, Flower whitish with green stripes.

NGS.3186

..... (Rubiaceae)

Shrub to 2 m tall, Fruit green.

July 4, 1989.

Ridge, SW. Gunung Bentuang Alt. 1550 feet.

Mixed Dipterocap forest.

NGS.3187

Teijmanniodendron (Verbenaceae)

Tree ± 20 m tall, 20 cm diam, Bark grey, ± smooth, powdery, innerbark yellow, Flower bud green.

NGS.3188

NGS.3188

Pternandra (Melastomataceae)

Treelet 6 m tall, 5 cm diam, Fruit glaucus green, turning purple.

NGS.3189

Shorea (Dipterocarpaceae)

Tree 45 m tall, 150 cm diam, buttrees to 4 m tall, Bark redish brown, coursly fissured and flaking.

NGS.3190

..... (Rubiaceae)

Climber, 1.5 cm diam, Fruit green, turning white.

NGS.3191

..... (Rubiaceae)

Shrub 3 m tall, 2 cm diam, Fruit green.

NGS.3192

..... (Rubiaceae)

Climber to 1 cm diam, Fruit dry, brown, Flower bud green.

NGS.3193

..... (Zingibraceae)

Epiphytic gingger, stem 1 m long, Fruit bright orange, seed red.

NGS.3194

Terestrial fern, frondc 120 cm long.

NGS.3195

Ardisia (Myrsinaceae)

Shrub 1 m tall, 1 cm diam, Flower white.

NGS3196

Helicia (Proteaceae)

Tree / large shrub 7 m tall, 10 cm diam, Flower creamy-white

NGS.3197

..... (Melastomataceae)

Shrub to 1.5 m, Flower whitish,

NGS.3198

..... (Rubiaceae)

Herb 20 cm tall, Flower greenish, 2800 feet Alt.

NGS.3199

NGS.3199

Antidesma (Euphorbiaceae)

Treelet 4 m tall, 3 cm diam, Flower yellowish brown.

NGS.3200

..... (Orchidaceae)

Epiphytic orchid, Flower pinkish white

NGS.3201

..... (Rubiaceae)

Shrub 1.5 m tall, Fruit ornge

NGS.3202

Saurauia (Actinidiaceae)

Tree 8 m tall, 10 cm diam, Flower white, Fruit green, 2500 feet Alt.

NGS.3203

Callicarpa (Verbenaceae)

Shrub 4 m tall, 5 cm diam, Flower white, Fruit red, ± 2500 feet Alt.

NGS.3204

Goniothalamus (Annonaceae)

Shrub 1 m tall, 1.5 cm diam, Flower green, ± 2500 feet Alt.

NGS.3205

? Sonerilla (Melastomataceae)

Herb to 20 cm tall, Flower greenish, ± 2500 feet Alt.

NGS.3206

Ixora (Rubiaceae)

Shrub to 2 m tall, Flower orange - red, Fruit pinkish, ± 2500 feet Alt.

July 7, 1989,

Shouth west Ridge area

NGS.3207

Shorea (Dipterocarpaceae)

(Voucher specimen), ridge area ± 1500 feet Alt.

NGS.3208

Shorea (Dipterocarpaceae)

(Voucher specimen), ridge area ± 1500 feet Alt.

NGS.3209 up to 3211
(Voucher shorea)
ridge area ± 1500 feet Alt.

NGS.3212
Knema (Myristicaceae)
Tree ± 15 m tall, 20 cm diam, Fruit orange, Bark grey ± smooth innerbark redish brown with red sap, slope area ± 1500 feet Alt.

NGS.3213
Aeschynanthus Gesner. (~~Asclepiadaceae~~)
Epiphytic plant ± 15 m high, Flower yellowish green, Fruit yellow, Leaf underneath purple, ± 1500 feet Alt.

NGS.3214
Lycianthes. ? Solanaceae.
Parasitic plant ± 15 m high, Flower purplish white, Fruit yellow, ± 1500 feet Alt.

NGS.3215
..... (Orcidaceae)
Epiphytic orchid, 15 m high, Flower brownish with yellow margin, labellum white, gymnostemum pink, ± 1500 feet Alt.

NGS.3216
Aglaia (Meliaceae)
Tree ± 10 m tall, ± 10 cm diam, Flower yellowish green, ± 1500 feet Alt.

NGS.3217
Semecarpus ? (Anacardiaceae)
Shrub ± 2 m tall, 2 cm diam, Flower bud greenish white, slope area ± 2000 feet Alt; occasional.

NGS.3218
..... Kadsura sp. det. Mrs. G.L. Challen (K) 1957 (Magnoliaceae) ? (around that fam.)
Climber ± 25 m tall, Flower yellow, slope area ± 2000 feet-Alt.

NGS.3219
Ardisia..... ? Myr
Shrub ± 2 m tall, 2 cm diam, Flower white, Fruit red, slope area ± 2000 feet Alt.

NGS.3220

<u>Piper</u> (Piperaceae)

Climber / vine ± 2 m tall, Flower white, occasional at slope area ± 2100 feet Alt.

NGS.3221

Commelinaceae ?

Herb ± 1 m tall, Flower white, Fruit pale green, ± 2100 feet Alt.

NGS.3222

..... ?

Fern

NGS.3223

..... (Rubiaceae)

Herb ± 30 cm tall, Flower white.

NGS.3224

..... ? Fern

NGS.3225

..... (Rubiaceae)

Shrub ± 3 m tall, 3 cm diam, Fruit green, slope area near river bank ± 2000 feet Alt.

NGS.3226

<u>Begonia</u> (Begoniaceae)

Herb ± 10 cm, Flower yellow with orange margin.

NGS.3227

Mamea cuminata (Clusiaceae)

Small tree ± 3 m tall, Flower- sepal red, petal white, Fruit green, Bark with white latex, slope area ± 2100 feet Alt.

NGS.3228

..... ?

Shrub ± 4 m tall, 3 cm diam, Fruit red, occasional at slope area ± 2100 feet Alt.

NGS.3229 Polyalthia sp. det Mrs. G.L. Chalven (K) 1997

..... (Annonaceae)

Small tree ± 10 m tall, 10 cm diam, Flower orange, slope area ± 2100 feet Alt.

NGS.3230

NGS.3230

..... (Orchidaceae)

Epiphytic orchid, Flower pale yellow, ± 2100 feet Alt.

NGS.3231

~~Scurrula~~ ? (Loranthaceae)

Parasitic plant, Flower red, occasional ± 2100 feet Alt.

NGS.3232

cf. Morinda ..... ? Rub

Small tree ± 4 m tall, 4 cm diam, Flower white with violet tube, Fruit pale green, slope area ± 2100 feet Alt.

NGS.3233

~~[illegible]~~ chisochaton (Meliaceae)

Small tree ± 4 m tall, 4 cm diam, Flower white, slope area ± 2150 feet Alt; occasional.

NGS.3234

..... (Zingibraceae)

Herb ± 2 m tall, Fruit yellowish green, slope area ± 2200 feet Alt.

NGS.3235

Urophyllum (Rubiaceae)

Shrub ± 3 m tall, 3 cm diam, Fruit green, common slope area ± 2100 feet Alt.

NGS.3236

..... (Acanthaceae)

Herb ± 30 cm tall, Flower white, slope area ± 2100 feet Alt.

NGS.3237

..... (Scropulariaceae)

Herb ± 30 cm tall, Flower yellow screen with purple margin, slope area ± 2100 feet Alt.

NGS.3238

..... (Annonaceae) STENK

Small tree ± 3 m tall, 2 cm diam, Flower pale yellow, slope area ± 2100 feet Alt.

NGS.3239

..... ([redacted]maranthaceae)

Herb ± 30 cm tall, Flower white, common slope area ± 2000 feet Alt.

NGS.3240 cf Rhododendron

Litsea (Lauraceae)

Small tree ± 5 m tall, 5 cm diam, Fruit yellowish orange , Flower pale green, occasional, river bank ± 2000 feet Alt.

NGS.3241

..... (Flacaurtiaceae)

Tree ± 15 m tall, 17 cm diam, Flower white, Fruit pale green turning to redish, ridge area ± 2200 feet Alt.

NGS.3242

..... ?

Shrub ± 2 m tall, Flower yellow, Fruit red, ridge area ± 2200 feet Alt.

NGS.3243

Microcos (Tiliaceae)

Tree ± 10 m tall, 8 cm diam, Flower yellow, Fruit green turning orange, ridge area ± 2300 feet Alt.

NGS.3244

Sapindaceae ..... ?

Small tree ± 6 m tall, 5 cm diam, Flower bud pale green, occasional at ridge area ± 2400 feet Alt.

NGS.3245

..... ?

Tree ± 20 m tall, 20 cm diam, Flower purple, Fruit green, at ridge area ± 2100 feet Alt.

NGS.3246

..... (Liliaceae)

Herb ± 15 cm tall, Fruit pale green, ridge area ± 2100 feet Alt.

NGS.3247

..... (Rubiaceae)

Shrub ± 3 m tall, 2 cm diam, Flower pale green with white anther, ridge area ± 2400 feet Alt.

NGS.3248

Microcos (Tiliaceae)

Tree ± 30 m tall, 30 cm diam, Flower pale green with yellow stamens, ridge area ± 2300 feet Alt.

NGS.3250

..... ?

Herb ± 25 cm tall, Flower purplish, ridge area ± 2300 feet - Alt.

NGS.3249

Shrub ± 2 m tall, Flower white, ridge area ± 2400 feet Alt.

NGS.3251

<u>Sterculia</u> (Sterculiaceae)

Shrub ± 3 m tall, 3 cm diam, Young fruit green, ridge area ± feet Alt.

NGS.3252

.....

Small tree ± 10 m tall, 8 cm diam, Fruit green, slope area near river bank ± 2000 feet Alt.

NGS.3253

..... Orchidaceae)

Terestrial orchid ± 15 cm, Flower white with strips violet slope area ± 2100 feet Alt.

NGS3254

<u>Globba</u> (Zingibraceae)

Herb ± 25 cm tall, Flower white, slope area ± 2300 feet Alt.

NGS.3255

.....

Terestrial fern, occasional at slope area ± 2300 feet Alt.

NGS.3256

.....

Shrub ± 1 m tall, Flower yellowish brown, occasional, slope area ± 2300 feet Alt.

NGS.3257

..... ?

Shrub ± 2 m tall, Fruit green, slope area, near Batu besapih Camp.

NGS.3258

..... (Araceae)

Herb 50 cm tall, Flower white, spatha pinkish white, river bank near Batu besapih Camp.

3259.
Urticaceae
Herb ± 50 cm, Flower purple, common at slope area.

NGS.3260
.....?
Undershurb ± 50 cm, Flower white, slope area ± 2400 ft. Alt.

NGS.3261
Dendrobium ? (Orchidaceae)
Epiphytic Orchid, Flower white.

NGS.3262
..... (Gesneriaceae)
Herb ± 30 cm tall, Flower white with under lipe pink.

June 6, 1989

NGS.3263
Semecarpus (Anacardiaceae)
Shrub ± 4 m tall, 5 cm diam, Flower yellow, Fruit green, slope area, near Camp Batu besapih.

NGS.3264
Diospyros clementium Bakh. (Ebenaceae)
Small tree ± 4 m tall, 4 cm diam, Flower white, Fruit pale green, Slope area, 2100 ft. Alt.

NGS.3265
.....
Herb ± 40 cm; Fruit dark brown, near river bank 2000 ft. Alt.

NGS.3266
..... (Zingibraceae)
Flower pale yellow with red labellum, leaf underneath purple, near river bank, 2200 ft. Alt.

NGS.3267
Popowia sp. det. Mrs. G.L. Chalken (K) 1997
..... (Annonaceae)
Shrub 2 m tall, Flower yellow, Fruit green, slope area ± 2400 ft. Alt.

NGS.3268
..... (Rubiaceae)
Shrub 2 m tall, 2 cm diam, Fruit red, at ridge area ± 2450 ft. Alt. Occasional.

NGS.3269

Moss on the decayed log, ridge area

NGS.3270

Moss on the decayed logg, at ridge area ± 2500 ft. alt.

NGS.3271

Xanthophyllum (Polygalaceae)

Small tree ± 10 m tall, 13 cm diam, Fruit green, ridge area ± 3200 ft. alt.

NGS.3272.

Bulbophyllum (Orchidaceae)

Epiphytic Orchid, Flower pale yellow, creamy white labellum, with brown marginal and stripe brown, top area 3200 ft.alt.

NGS.3273

Eria (Orchidaceae)

Epiphytic orchid, Flower brown with pale yellow margin, top ridge area 3200 ft. alt.

NGS.3274

Epiphytic fern ± 1 m height, top ridge area ± 3200 ft. alt.

NGS.3275

Shrub 2 m tall, 2 cm diam, Flower white, common at top ridge area ± 3200 ft. alt.

NGS.3276

.....

Small tree 5 m tall, 5 cm diam. Flower bud brown, at top ridge area 3200 ft. alt.

NGS.3277

.....

Climber 1 m tall, fruit green, at top ridge area 3200 ft, alt.

NGS.3278

Fagraea (Loganiaceae)

Tree ± 10 m tall, 15 cm diam, Flower white, top ridge area ± 3200 ft. alt. Occasional.

NGS.3279

Nephenthes (Nephenthaceae)

at top ridge area

NGS.3280

.....

Tree ± 10 m tall, 15 cm diam, Fruit pale green.

NGS.3281

..... (Theaceae)

Tree ± 10 m tall, 20 cm diam, Flowerbud green, ripe fruit brown.

NGS.3282

.....

Terrestrial cusion forming moss, pale green.

NGS.3283

Epiphytic orchid, Flower yellow.

NGS.3284

.....

Epiphytic orchid, Fruit pale green.

NGS.3285

..... (Annonaceae)

Shrub 1,5 m tall, Fruit red, slope area ± 2000 ft. alt.

NGS.3286

..... Polyalthia sp. det. Mrs. G.L. Challen (K) 1997 (Annonaceae)

Small tree ± 5 m tall, 4 cm diam, Flower brown, Fruit green, slope area ± 2100 ft. alt.

NGS.3287

.....

Shrub ± 2 m tall, Fruit green turning to black, slope area ± 2400 ft. alt.

NGS.3288

.....

Climber ± 10 m tall, 3 cm diam, Flower yellow, slope area ± 2500 ft. alt; Occasional.

NGS.3289

..... (Acanthaceae)

Herb ± 2 m tall, Fruit red, at open area (gap area) ± 2000 ft. alt.

NGS. 3290

Fagraea (Loganiaceae)

Shrub ± 2 m tall, 2 cm diam, Flower white, slope area ± 2900 ft. alt.

NGS.3291

..... (Rubiaceae)

Small tree ± 4 m tall, 4 cm diam, Fruit orange turning to red, slope area, ± 2700 ft. alt.

NGS.3292

Curculigo (Amaryllidaceae)

Herb ± 50 cm, Fruit red, slope area ± 2200 ft. alt.

NGS.3293

.....

Shrub ± 2 m tall, Flower white with purple tube.

NGS.3294

Litsea (Lauraceae)

Shrub ± 2 m tall, 2 cm diam, Fruit pale green, slope area, ± 2200 ft. alt.

NGS.3295

Parkia speciosa (Fabaceae)

Big tree ± 35 m tall, 50 cm diam, Fruit green turning to black slope area near stream, ± 1800 ft. alt.

NGS.3296

..... (Rubiaceae)

Shrub 1,5 m tall, Fruit blue, slope area, ± 1850 ft. alt.

NGS.3297 to NGS.3299 no description

NGS.3300

Ardisia (Myrsinaceae)

Shrub 6 m tall, 4 cm diam, Young fruit green - brown, flat area ± 800 m alt.

NGS.3301

Palaquium (Sapotaceae)

Tree ± 10 m tall, Bark smooth, brown, sapwood yellowish, Flower Brownish cauliflorus, slope area ± 800 m alt.

NGS.3302

..... (Meliaceae)

Shrub 1 m tall, 1,5 cm diam,Flower white, slope area ± 825 m alt. rare.

NGS.3303

.....

Tree ± 12 m tall, 10 cm diam, Bark brown smooth, sapwood brownish Flower white, Fruit white (young), slope area ± 825 alt; rare.

NGS.3304

..... (Myristicaceae)

Small tree ± 7 m tall, 6 cm diam, Bark smooth, brownish, sapwood brownish, Flower white, slope area ± 830 alt. rare

NGS.3305

Ardisia (Myrsinaceae)

Shrub 1,5 m tall, 1,5 cm diam, Flower greenis white, slope area ± 840 m alt.

NGS.3306

Aglaia (Meliaceae)

Small tree ± 6 m tall, 5 cm diam, Bark smooth, yellow, sapwood brownish, Flowerbud green, slope area ± 840 m alt.

NGS.3307

.....

Tree ± 12 m tall, 11 cm diam, Bark rugose, brown, sapwood brown, Flowerbud green, slope area ± 840 m alt. Occasional.

NGS.3308

..... (Gesneriaceae)

Herb 20 cm tall, Flower white, Fruit pale brown, slope area, ± 850 m alt. Occasional

NGS.3309 Polyalthia sp. det. Mrs. G.L. Challen (K) 1997

..... (Annonaceae)

Shrub 2 m tall, 2,5 cm diam, Fruit green- brown, slope area ± 860 m alt. common

NGS.3310

..... (Meliaceae)

Shrub 4 m tall, 2 cm diam, Fruit red, flower brown, slope area ± 860 m alt.

NGS.3311

..... (Rubiaceae)

Shrub 2 m tall, 2cm diam, Fruit green, slope area ± 860 m alt.

NGS.3312

Piper (Piperaceae)

Climber, Fruit green, slope area ± 870 m alt. rare

NGS.3313

.....

Shrub 1 m tall, Flower white, Slope area ± 880 m alt.

NGS.3314

..... (Rubiaceae)

Climber, Flower green, Fruit brown, slope area ± 880 m alt.

NGS.3315

..... (Orchidaceae)

Epiphytic orchid, Flower yellow- brown, labellum yellow, 920 alt.

NGS.3316

..... (Rubiaceae)

Shrub 3 m tall, 2,5 cm diam, Flower greenish, slope area ± 920 m alt.

NGS.3317

.....

Shrub 1 m tall, 1,5 cm diam, Flower white, slope area, ± 880 m alt; Occasional

NGS.3318

July 5, 1989

NGS.3318

..... (Orchidaceae)

Epiphytic orchid, Flower yellow.

NGS.3319

.....

Shrub 5 m tall, 4 cm diam, Flower brown, Fruit green, pubescens slope area ± 700 m alt.

NGS.3320

Knema (Myristicaceae)

Tree ± 17 m tall, 18 cm diam, young fruit brown, pubescens, Bark smooth brown, sapwood yellow, slope area ± 720 m alt.

NGS.3321

Fissistigma rugosum J. Sinclair det. Mr. P. Bygrave & Mrs. G.L. Challen CK

Climber, young fruit green, slope area ± 720 m alt.

NGS.3322

..... (Rubiaceae)

Shrub 2 m tall, 2 cm diam, young fruit green, slope area ± 720 m alt; rare

NGS.3323

Mamea (Clusiaceae)

Small tree 7 m tall, 5 cm diam, flower green, fruit orange, Bark smooth brown, sapwood brownish, slope area ± 700 m alt. Occasional

NGS.3324

Memexylon (Melastomataceae)

Tree ± 15 m tall, 18 cm diam, Bark rugose brown, sapwood brownish, young fruit green, slope area ± 700 m alt; Occasional.

NGS.3325

Nephrolepis (Nephrolepis Group)

Terestrial fern, common ± 700 m alt.

NGS.3326

Prunus (Rosaceae)

Tree 10 m tall, 9 cm diam, Bark smooth brown, sapwood yellow, young fruit green, slope area ± 70 m alt; Occasional.

NGS.3327

..... (Rubiaceae)

Shrub 1 m tall, 1 cm diam, Fruit bright blue, slope area ± 690 m alt.

NGS.3328

.....

Climber, fruit red, seed white, 680 m alt.

NGS.3329

..... (Loganiaceae)

Shrub 4 m tall, 5 cm diqm, Flower yellowish, slope area ± 670 m alt.

NGS.3330

..... (Orchidaceae)

Terestria orchid, Flower yellow- green, fruit green, 660 m alt.

NGS.3331

Saurauia (Actinidiaceae)

Shrub 2 m tall, Flower white, slope area ± 620 m alt.

NGS.3332

.....

Small tree 7 m tall, Bark smooth brown, Sapwood brownish, flower yellow- green,slope area ± 600 m alt.

NGS.3333 no description

NGS.3334

Eugenia (Myrtaceae)

Tree 20 m tall, 40 cm diam, Bark smooth brown, sapwood yellowish slope area ± 550 m alt; rare.

NGS.3335 Stelechocarpus sp. [illegible]

..... (Annonaceae)

Tree 8 m tall, 12 cm diam, Bark smooth yellow, sapwood yellow, Flower brown, cauliflorus, slope area ± 540 m alt; rare.

NGS.3336

Asplenium (Asplenium group)

Epiphytic fern, ± 500 m alt.

3337 NGS.

..... (Orchidaceae)

Epiphytic orchid, perianth yellow, stament brown, flat atrea ± 500 m alt.

3333 NGS.

..... (Orchidaceae)

Epiphytic orchid, Flower white, ± 400 m alt.

NGS.3338

..... (Urticaceae)

Herb 20 cm tall, flowerbud green, river bank ± 200 m alt; common.

NGS.3339

..... (Maranthaceae)

Herb 15 cm tall, Flower white, river bank, ± 200 m att; common.

NGS.3340

..... (Liliaceae)

Herb 40 cm tall, Flower violet, river bank ± 200 m alt; Occasional

NGS.3341

..... (Acanthaceae)

Herb 30 cm tall, Flower green, river bank ± 200 m alt; Occasional.

NGS.3342

.....

Herb 5 cm tall. Flower gree-white, river bank +_ 200 m alt; common.

NGS.3343

..... (Rubiaceae)

Herb ± 12cm tall, Flower green- brown, river bank ± 200 m alt; common.

NGS.3344

Begonia (Begoniaceae)

Herb 60 cm tall, Flower violet, Occasional ± 210 m alt.

NGS.3345

Saurauia (Actinidiaceae)

Shrub 1,5 m tall, 1 cm diam, Flower white, river bank ± 210 m alt; occasional.

NGS.3346

Schefflera (Araliaceae)

Climber 10 cm diam, cauliflorus, flower yellowish, river bank ± 210 m alt; Occasional.

NGS,3347

..... (Maranthaceae)

Herb 30 cm tall, Flower yellow- orange, river bank ± 220 m alt; common.

NGS.3348

Eugenia (Myrtaceae)

Small tree 8 m tall, 9 cm diam, Bark smooth brown, sapwood yellowish, flower yellowish, slope area near river bank ± 230 m alt.

NGS.2349

..... (Lauraceae)

Tree 17 m tall, 15 cm diam, Bark smooth brown, Sapwood yellowish, Butress 0.5 m tall, Flower yellow, Flat area ± 260 m alt; rare.